

Fonts

Textbook

Fonts



Font Families

Another CSS property you can change using the style attribute is the [font](#). Just like when you change text color, you will use the [font-family_property](#) before the colon.

Font-family example

```
1 <h3 style="font-family:cursive;">Look! I am fancy! </h3>
```

Try it!

Here is a list of font families to try. The Try It box below shows what each font looks like.

1. arial
2. impact
3. courier

4. helvetica
5. monospace

```
1 <h1 style="font-family:arial">Arial</h1>
2 <h1 style="font-family:impact">Impact</h1>
3 <h1 style="font-family:courier">Courier</h1>
4 <h1 style="font-family:helvetica">Helvetica</h1>
5 <h1 style="font-family:monospace">Monospace</h1>
```

Try it!

The following fonts only work on Mac operating systems. You can try using these if your system allows for them.

See the Try It box below to view what each font looks like.

1. cursive
2. fantasy
3. tahoma
4. american typewriter
5. apple chancery
6. bradley hand
7. brush script mt
8. snell roundhand
9. luminari
10. chalkduster
11. marker felt
12. Trattatello

```
1 <h1 style="font-family:cursive">Cursive</h1>
2 <h1 style="font-family:fantasy">Fantasy</h1>
3 <h1 style="font-family:tahoma">Tahoma</h1>
4 <h1 style="font-family:american typewriter">American Typewriter</h1>
5 <h1 style="font-family:apple chancery">Apple Chancery</h1>
6 <h1 style="font-family:bradley hand">Bradley Hand</h1>
7 <h1 style="font-family:brush script mt">Brush Script Mt</h1>
8 <h1 style="font-family:snell roundhand">Snell Roundhand</h1>
9 <h1 style="font-family:luminari">Luminari</h1>
10 <h1 style="font-family:chalkduster">Chalkduster</h1>
11 <h1 style="font-family:marker felt">Marker Felt</h1>
12 <h1 style="font-family:trattatello">Trattatello</h1>
```

Try it!

Font Size

Font-size can also be changed by assigning a value using the [font-size property](#).

```
1 <h3 style="font-size:50px;">Look! My font-size is 50px!</h3>
```

Try it!

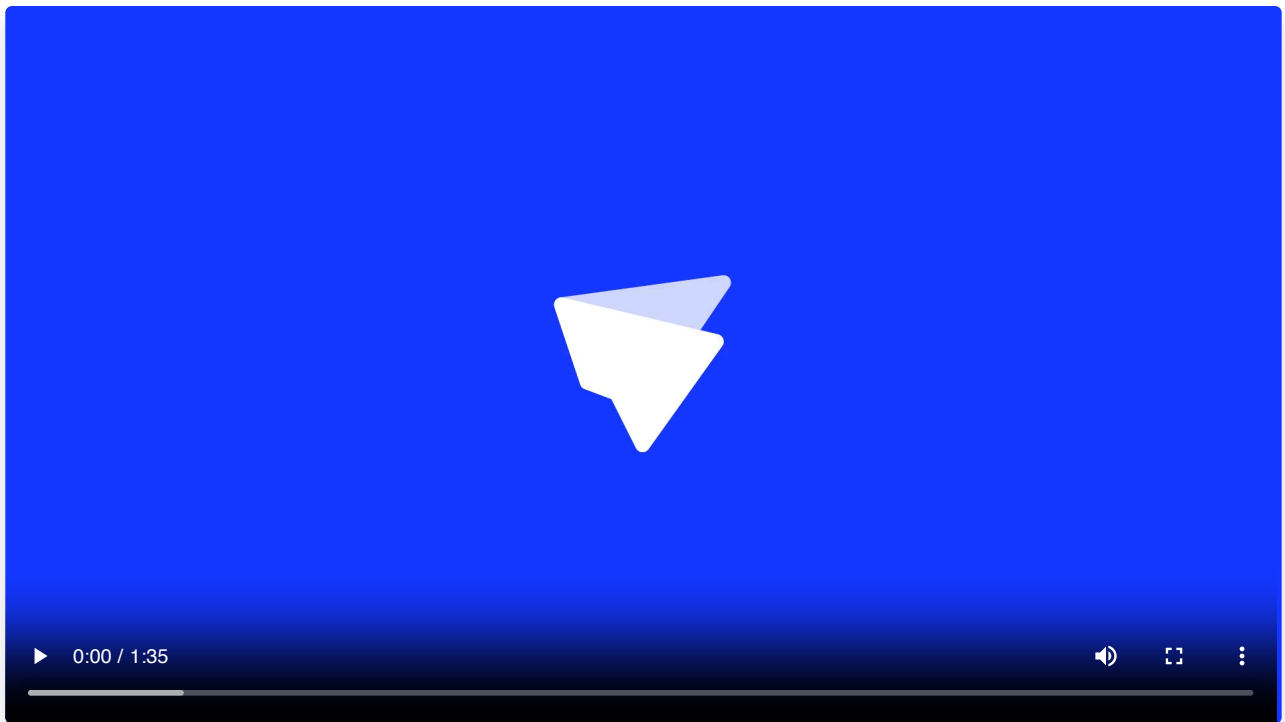
Multiple styles

You may be wondering how to change the font family *and* the font size. To do this you just need to **separate the two attributes with a semicolon** like we did in the example below!

```
1 <h1 style="color:blue; font-size:30px; font-family:arial;">Look! I am blue, my font-size  
is 30px, and my font is arial.</h1>
```

Try it!





Checkpoint

Fonts

Add fonts and size for at least **2 heading tags** in your code.

Example Output



Requirements:

- Font-family on two heading tags

Questions (10)

1. If I wanted to assign an h1 tag the font family of arial, where would I put it?

MULTIPLE CHOICE

Choose the correct answer:

- A. `<style="font-family:arial" h1>Hello</h1>`
- B. `<h1>Hello</style="font-family:arial">`
- C. `<h1>Hello; style=font-family:arial</h1>`
- D. `<h1 style="font-family:arial">Hello</h1>`

2. Edit the text box below to debug (fix) the code:

DEBUG CODE

Code to Debug:

```
1 <h1 style="font family:impact; font-size: 20">Rain</h1>
```

3. Edit the text box below to debug (fix) the code:

DEBUG CODE

Code to Debug:

```
1 <h1 style="font family:impact;">Cozy</h1>
```

4. If you wanted to add multiple styles inside the same HTML tag, how do you separate the attributes?

MULTIPLE CHOICE

Choose the correct answer:

- A. <h1 style="color: red; font-size:10px; font-family:impact;">
- B. <h1 style="color: red, font-size:10px, font-family:impact,">
- C. <h1 style="color: red font-size:10px font-family:impact">
- D. <h1 style="color: red: font-size:10px: font-family:impact:">

5. What property is used to determine a font?

MULTIPLE CHOICE

Choose the correct answer:

- A. font-family
- B. font-group
- C. font
- D. font-style

6. In the example, what font style is applied to the text?

MULTIPLE CHOICE

Look! I am fancy!

Choose the correct answer:

- A. Arial
- B. Cursive
- C. Impact
- D. Courier

MULTIPLE CHOICE

7. What is the font size applied in the example?

Look! My font-size is 30px!

Choose the correct answer:

- A. 20px
- B. 30px
- C. 12px
- D. 3px

MULTIPLE CHOICE

8. Which property is used to change the size of the font of an element?

Choose the correct answer:

- A. size
- B. font-size
- C. font-family-size
- D. font-height

MULTIPLE CHOICE

9. What unit is font size measured in?

Choose the correct answer:

- A. px
- B. in
- C. cm
- D. mm

DEBUG CODE

10. Edit the text box below to debug (fix) the code:

Code to Debug:

```
1 <h1 style="color:blue, font-size:30px, font-family:calibri;"></h1>
```

Challenges (7)

1. Coded Message

You are cracking a code that you captured during World War III! The enemy is planning on attacking from the south end of the country.

Type the decoded message using **1 heading tag** and the **monospace font**.

Make sure to include the word `south` in the message.

Example Output:

We plan on attacking at 0700 hours in the morning from the south side of the country

Requirements:

- Heading tag with encoded message, including the word `south`. Style with the monospace font.

2. Declaration of Independence

You're a colonist right before the independence of America. You need to write a short letter to John Adams and express why you think it's important to write a Declaration of Independence.

You will make **3 heading tags**, using the **cursive font** for all of them.

Your first tag will address `John Adams`.

The other two heading tags will be your explanations on why there should be a Declaration of Independence.

Example Output:

Dear John Adams,

It is important to declare independence from Britain!

We want to be a free people!

Requirements:

- Use the words `John Adams` in the first heading tag. Use cursive font.
- 2 additional heading tags for the remaining two sentences. Use cursive font.

3. Sentences About Me

Write **5** sentences about you using **5** heading tags.

Each of the sentences should start with the following:

My name is

I love to

I also love to

My favorite

My dream is

Choose a color and a font that goes along with your sentences.

On each heading, put the code to style the color first, then style the font.

Example Output:

My name is Aimee

I Love to run

I also love to eat

My favorite food is cilantro

Requirements:

- Heading tag containing `My name is` styled with a color and a font.
- Heading tag containing `I love to` styled with a color and a font.
- Heading tag containing `I also love to` styled with a color and a font.
- Heading tag containing `My favorite` styled with a color and a font.
- Heading tag containing `My dream is` styled with a color and a font.

4. Holiday Card

It's the holidays! You want to send a holiday card.

Pick some fonts that would go well with the following holiday quote on the card.

Tis the season to wish one another joy and love and peace.

Create **5 heading** tags with the saying in different **fonts** and **colors**.

Separate the text of the headers as you see in the example image.

For the purpose of this challenge, put the code to style the color before the font.

Example Output:

Tis the season to wish one another joy and love and peace.

Tis the season to wish one another joy and love and peace.

Tis the season to wish one another joy and love and peace.

Tis the season to wish one another joy and love and peace.

Tis the season to wish one another joy and love and peace.

Requirements:

- 5 heading tags using the provided holiday phrase. Style each header with a color and a font

5. Travel to Hawaii

Create a website about a trip to Hawaii.

Make **5 heading tags** that each have different color and font!

Include each of the following in different heading tags and write about your trip to Hawaii and what it should include!

Hawaii

You should come to Hawaii because

Some things to do in Hawaii include

The best way to get to Hawaii is

The food they eat in Hawaii includes

Example Output:

Hawaii

You should come to Hawaii because it is sunny and warm!

Some things to do in Hawaii include sky diving, hiking, and snorkeling.

The best way to get to Hawaii is by plane.

Requirements:

- Heading that includes `Hawaii` styled with a different color and font.
- Heading that includes `You should come to Hawaii because` with a different color and font.
- Heading tag that includes `Some things to do in Hawaii include` styled with a different color and font.
- Header that includes `The best way to get to Hawaii` styled with a different color and font.
- Heading tag that includes `The food they eat in Hawaii includes` styled with a different color and font.

6. Preschool Site

You've been asked to create a website for a preschool for a family friend that is opening up right by your school! They trust that you can make a really cool website for them! They want the website to have the following

5 heading tags with the following information:

Welcome to the Wooden Cottage Preschool!

Everyone is welcome here.

We have classes for kids age 5-6.

We learn about colors, numbers, and patterns.

Stop by to learn more!

Give each heading tag a different **font** and **color** that would look good for a preschool.

Example Output:

Welcome to the Wooden Cottage Preschool!

Everyone is welcome here.

We have classes for kids age 5-6.

We learn about color, numbers and patterns.

Stop by to learn more!

Requirements:

- Heading tag with text Welcome to the Wooden Cottage Preschool! and its own font and color
- Header with text Everyone is welcome here. and its own font and color
- Header with text We have classes for kids age 5-6. and its own font and color
- Header with text We learn about color, numbers, and patterns. and its own font and color
- Heading tag with text Stop by to learn more! and its own font and color

7. Font Pattern

Create a pattern of **12** heading tags stylized with different colors and fonts!

Put the code to style the color before the code for styling the font.

Example Output:

Hello
Hello
Hello
Hello
Hello

Requirements:

- Color pattern
- Font pattern

Games (4)

1. Fonts Ordering

Order the code so it will show the header "Igloo Website" in the impact font.

Full Screen

Audio

Instructions

Answer Key

Pause

Clear All

Check Matches

Attempts: 0

impact;">

</h3>

:

<h3

Igloo Website

style="

font-family

2. Fonts Typing

Practice your typing skills with coding keys! Type in the following code.

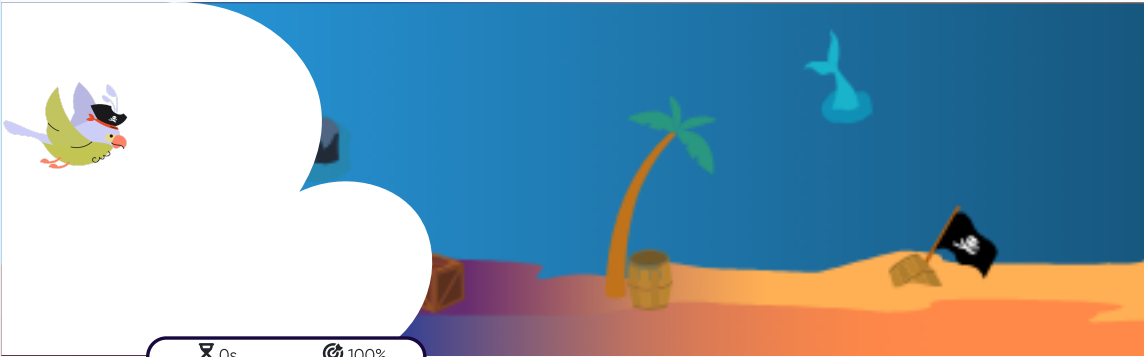
Full Screen

Audio

Instructions

Restart

Pause



0s100%

<h2 style="font-family: fc

3. Font Typing 2

Practice your typing skills with coding keys! Type in the following code.

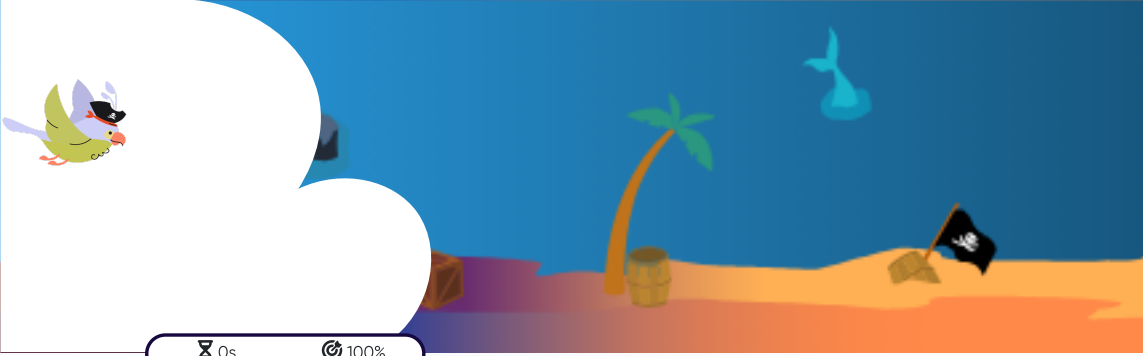
Full Screen

Audio

Instructions

Restart

Pause



0s100%

<h1 style="color: blue; for

Match the code with its output. This game is tricky! Try pulling up another tab with the Skill Struck code editor so you can test out the different fonts. (Note, if the specialty fonts aren't working in your browser, just skip this game.)

Match the code with its output. This game is tricky! Try pulling up another tab with the Skill Struck code editor so you can test out the different fonts. (Note, if the specialty fonts aren't working in your browser, just skip this game.)

Answer Keys & Solutions

Checkpoint Solutions

Fonts

```
1 <h1 style="color:purple; font-family: courier; font-size: 100px">Soccer</h1>
2 <h2 style="color:green; font-family: arial; font-size: 10px">Basketball</h2>
3 <h3 style="color:red; font-family:impact; font-size: 40px">Dancing</h3>
4 <h4 style="color:orange; font-family: courier; font-size: 20px">Skiing</h4>
5 <h5 style="color:yellow; font-family: tahoma; font-size: 80px">Cooking</h5>
6 <h6 style="color:blue; font-family: arial; font-size: 50px">Coloring</h6>
```

Questions

1. If I wanted to assign an h1 tag the font family of arial, where would I put it?

MULTIPLE CHOICE

Correct Answer:

- A. `<style="font-family:arial" h1>Hello</h1>` ✗ Incorrect
- B. `<h1>Hello</style="font-family:arial">` ✗ Incorrect
- C. `<h1>Hello; style=font-family:arial</h1>` ✗ Incorrect
- D. `<h1 style="font-family:arial">Hello</h1>` ✓ Correct

Explanation:

Remember that styling goes inside the opening tag!

2. Edit the text box below to debug (fix) the code:

DEBUG CODE

Incorrect Code:

```
1 <h1 style="font family:impact; font-size: 20">Rain</h1>
```

Correct Solution:


```
1 <h1 style="font-family:impact; font-size: 20px">Rain</h1>
```

Explanation:

The size needs a unit of measurement

3. Edit the text box below to debug (fix) the code:

DEBUG CODE

Incorrect Code:

```
1 <h1 style="font family:impact;">Cozy</h1>
```

Correct Solution:

```
1 <h1 style="font-family:impact;">Cozy</h1>
```

Explanation:

font family needs a character between them

4. If you wanted to add multiple styles inside the same HTML tag, how do you separate the attributes?

MULTIPLE CHOICE

Correct Answer:

A. <h1 style="color: red; font-size:10px; font-family:impact;"> ✓ Correct

B. <h1 style="color: red, font-size:10px, font-family:impact,"> ✗ Incorrect

C. <h1 style="color: red font-size:10px font-family:impact"> ✗ Incorrect

D. <h1 style="color: red: font-size:10px: font-family:impact:"> ✗ Incorrect

Explanation:

Remember that semicolons separate the property value pairs in the styling section!

5. What property is used to determine a font?

MULTIPLE CHOICE

Correct Answer:

A. font-family ✓ Correct

B. font-group

✗ Incorrect

C. font

✗ Incorrect

D. font-style

✗ Incorrect

Explanation:

Remember that to style a text, you use a specific term that is more specific than just "font".

6. In the example, what font style is applied to the text?

MULTIPLE CHOICE

Correct Answer:

A. Arial

✗ Incorrect

B. Cursive

✗ Incorrect

C. Impact

✗ Incorrect

D. Courier

✓ Correct

Explanation:

See what the name is after font-family:

7. What is the font size applied in the example?

MULTIPLE CHOICE

Correct Answer:

A. 20px

✓ Correct

B. 30px

✗ Incorrect

C. 12px

✗ Incorrect

D. 3px

✗ Incorrect

Explanation:

Check the value after font-size:

8. Which property is used to change the size of the font of an element?

MULTIPLE CHOICE

Correct Answer:

- A. size ✗ Incorrect
- B. font-size ✓ Correct
- C. font-family-size ✗ Incorrect
- D. font-height ✗ Incorrect

Explanation:

Just two words

9. What unit is font size measured in?

MULTIPLE CHOICE

Correct Answer:

- A. px ✓ Correct
- B. in ✗ Incorrect
- C. cm ✗ Incorrect
- D. mm ✗ Incorrect

Explanation:

It stands for pixels

10. Edit the text box below to debug (fix) the code:

DEBUG CODE

Incorrect Code:

```
1 <h1 style="color:blue, font-size:30px, font-family:calibri;"></h1>
```

Correct Solution:

```
1 <h1 style="color:blue; font-size:30px; font-family:calibri;"></h1>
```

Explanation:

Remember that semicolons separate the property value pairs in the styling section!

1. Coded Message

Solution:

```
1 <h2 style="font-family:monospace;">We plan on attacking at 0700 hours in the morning  
  from the south side of the country</h2>
```

2. Declaration of Independence

Solution:

```
1 <h3 style="font-family:cursive">Dear John Adams,</h3>  
2 <h3 style="font-family:cursive">It is important to declare independence from Britain!  
  </h3>  
3 <h3 style="font-family:cursive">We want to be a free people!</h3>
```

3. Sentences About Me

Solution:

```
1 <h1 style="color:turquoise; font-family:brush script mt">My name is Aimee</h1>  
2 <h1 style="color:lime; font-family: chalkduster">I love to run</h1>  
3 <h1 style="color:coral; font-family: trattatello">I also love to eat</h1>  
4 <h1 style="color:green; font-family: bradley hand">My favorite food is cilantro</h1>  
5 <h1 style="color:silver; font-family: apple chancery">My dream is to play the  
  piano</h1>
```

4. Holiday Card

Solution:

```
1 <h1 style="color:maroon; font-family:apple chancery">Tis the season to wish one  
  another joy and love and peace.</h1>  
2 <h1 style="color:silver; font-family: snell roundhand">Tis the season to wish one  
  another joy and love and peace.</h1>  
3 <h1 style="color:green; font-family: brush script mt">Tis the season to wish one  
  another joy and love and peace.</h1>  
4 <h1 style="color:red; font-family: marker felt">Tis the season to wish one another joy  
  and love and peace.</h1>  
5 <h1 style="color:olive; font-family: american typewriter">Tis the season to wish one  
  another joy and love and peace.</h1>
```

5. Travel to Hawaii

Solution:

```
1 <h1 style="color: pink; font-family: apple chancery">Hawaii</h1>
2 <h1 style="color: lime; font-family: cursive">You should come to Hawaii because it is
  sunny and warm!</h1>
3 <h1 style="color: coral; font-family: snell roundhand">Some things to do in Hawaii
  include sky diving, hiking, and snorkeling.</h1>
4 <h1 style="color: orange; font-family: fantasy">The best way to get to Hawaii is by
  plane.</h1>
5 <h1 style="color: gold; font-family: luminari">The food they eat in Hawaii includes
  pork and pineapple.</h1>
```

6. Preschool Site

Solution:

```
1 <h1 style="color: red; font-family: chalkduster">Welcome to the Wooden Cottage
  Preschool!</h1>
2 <h1 style="color: blue; font-family: fantasy">Everyone is welcome here.</h1>
3 <h1 style="color: green; font-family: american typewriter">We have classes for kids age
  5-6.</h1>
4 <h1 style="color: orange; font-family: marker felt">We learn about color, numbers and
  patterns.</h1>
5 <h1 style="color: gold; font-family: bradley hand">Stop by to learn more!</h1>
```

7. Font Pattern

Solution:

```
1 <h1 style="color: turquoise; font-family: luminari">Hello</h1>
2 <h1 style="color: lime; font-family: chalkduster">Hello</h1>
3 <h1 style="color: turquoise; font-family: luminari">Hello</h1>
4 <h1 style="color: lime; font-family: chalkduster">Hello</h1>
5 <h1 style="color: turquoise; font-family: luminari">Hello</h1>
6 <h1 style="color: lime; font-family: chalkduster">Hello</h1>
7 <h1 style="color: turquoise; font-family: luminari">Hello</h1>
8 <h1 style="color: lime; font-family: chalkduster">Hello</h1>
9 <h1 style="color: turquoise; font-family: luminari">Hello</h1>
10 <h1 style="color: lime; font-family: chalkduster">Hello</h1>
11 <h1 style="color: turquoise; font-family: luminari">Hello</h1>
12 <h1 style="color: lime; font-family: luminari">Hello</h1>
```

Games

1. Fonts Ordering

Correct Order:

1. <h3
2. style="
3. font-family
4. :
5. impact;">
6. Igloo Website
7. </h3>

Students must arrange items in the correct sequence.

2. Fonts Typing

Typing game - no answer key needed. Students practice typing the provided content.

3. Font Typing 2

Typing game - no answer key needed. Students practice typing the provided content.

4. Font Order Output

Correct Order:

1. <h1 style="font-family: bradley hand">Antarctica Website</h1>
2. <h3 style="font-family: chalkduster">Icebergs</h3>
3. <h3 style="font-family: american typewriter">Icebergs</h3>
4. <h3 style="font-family: marker felt">Icebergs</h3>
5. <h3 style="font-family: apple chancery">Icebergs</h3>
6. <h3 style="font-family: fantasy">Icebergs</h3>
7. <h3 style="font-family: luminari">Icebergs</h3>
8. <h3 style="font-family: impact">Icebergs</h3>

Scoring:

- Gold: 1 attempts or fewer

- Silver: 3 attempts or fewer
- Bronze: 5 attempts or fewer

Students must arrange items in the correct sequence.