

Converting Colors

Hex(F78C3B)

Have a look what the booklet for
Hex(F78C3B) contains.

| | |
|--|----|
| Hex(F78C3B) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(F78C3B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F78C3B |
| RGB | 247, 140, 59 |
| RGB Percent | 97%, 55%, 23% |
| CMY | 0.0314, 0.4510, 0.7686 |
| CMYK | 0.00, 0.43, 0.76, 0.03 |
| HSL | 26°, 92%, 60% |
| HSV | 26°, 76%, 97% |
| XYZ | 48.5253, 38.8461, 9.0782 |
| YIQ | 162.7590, 89.7730, -2.5070 |

Conversions

Conversions Part 2

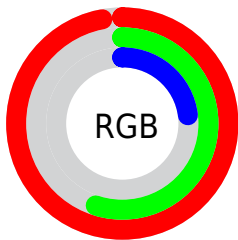
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 247, 201, 59 |
| Decimal | 16223291 |
| CIE Lab | 68.64, 34.79, 58.56 |
| CIE LCh | 69, 68.114, 59.282 |
| Yxy | 38.8461, 0.5031, 0.4028 |
| Android (android.graphics.Color) | 4294413371 (0xFFFF78C3B) |
| YUV | 162.7590, -51.1532, 73.8794 |
| Hunter-Lab | 62.3266, 29.9021, 34.9928 |

Details

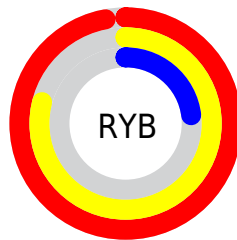
The Hex color **F78C3B** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **3BA6F7**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFC26F**, and **B95800** is the 20% darker color. If you saturate the color by 10%, you get **F77E22**, and if you desaturate by 10%, it is **F79A54**.

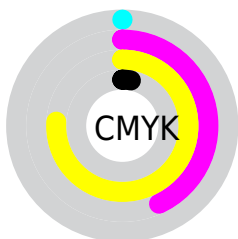
Distribution



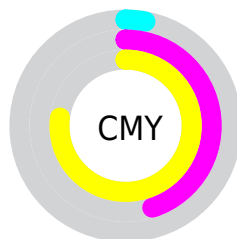
- Red (97%)
- Green (55%)
- Blue (23%)



- Red (97%)
- Yellow (79%)
- Blue (23%)



- Cyan (0%)
- Magenta (43%)
- Yellow (76%)
- Black (3%)



- Cyan (3%)
- Magenta (45%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color F78C3B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color F78C3B by changing the saturation by 10% instead.

 F78C3B

 F78C3B

FFFFFF

 D87220

 FFC26F

 B95800

 FFDF8A

 9A4000

 FFFCA5

 7C2700

 FFFFC1

 5E0D00

 FFFFDD

 420000

 FFFFFA

 2A0001

 000000

 F78C3B

 F78C3B

 F77E22

 F79A54

 F7700A

 F7A86C

 F76A00

 F7B685

 F7C49E

 F7D2B6

 F7E0CF

 F7EEE8

 F7FCFF

 F7FFFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FF746F



F78C3B



C8A418

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



F78C3B



00C4A4



A498FF

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



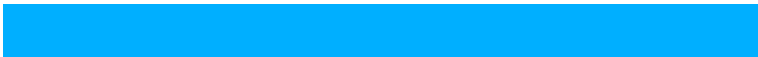
F78C3B



3BA6F7

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00AFFF



F78C3B



00C4E2

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F78C3B



24C065



00BEFF



F07CE7

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F78C3B



A1B022



00BEFF



7DA0FF

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



F78C3B



FFDEC4



F73BA9



806B5C



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



F78C3B



FF7B17



F7E73B



7A736E



BA5000



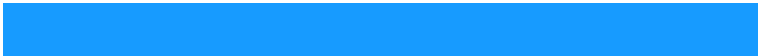
3B1900

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



3BA6F7



179BFF



3B4BF7



6E757A



006ABA



00213B

Previews

White Background



This preview shows how the Hex color F78C3B looks on a white background.

Color Contrast Check

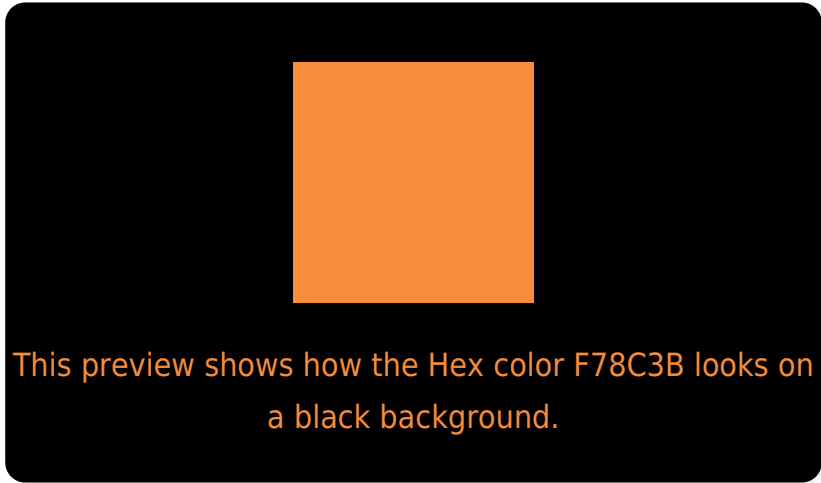
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex F78C3B Background



This preview shows how black text looks on a background with the Hex color F78C3B.

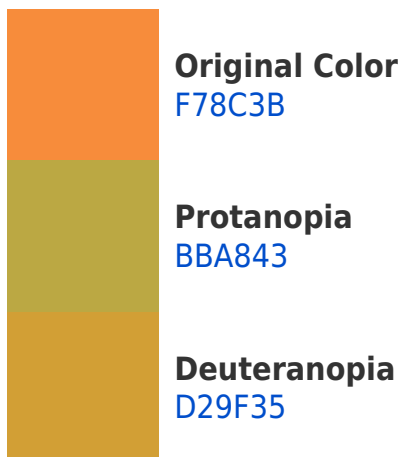


This preview shows how white text looks on a background with the Hex color F78C3B.

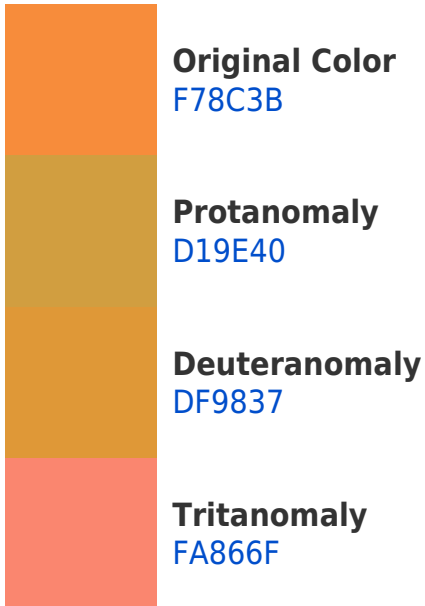
Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

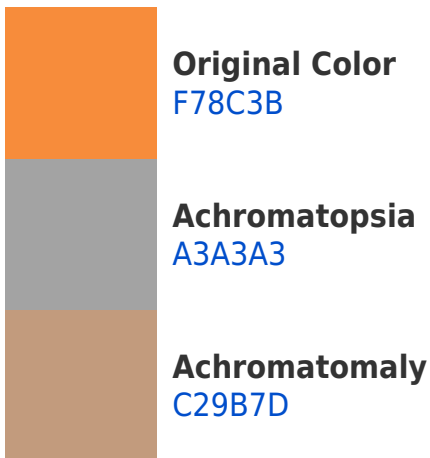
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F78C3B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #F78C3B looks like.

```
.text, #text, p{  
    color:#F78C3B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #F78C3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F78C3B
}
```

Border

The CSS property to change the border of an element to Hex F78C3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F78C3B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#F78C3B }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #F78C3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F78C3B; -webkit-box-shadow:4px 4px  
4px 4px #F78C3B; box-shadow:4px 4px 4px  
4px #F78C3B }
```

Background

The CSS property to change the background color of an element to Hex F78C3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F78C3B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#F78C3B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor