

Converting Colors

Hex(F87C00)

Have a look what the booklet for
Hex(F87C00) contains.

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Color

Hex(F87C00)

Conversions

Conversions Part 1

Format	Color
Hex	F87C00
RGB	248, 124, 0
RGB Percent	97%, 49%, 0%
CMY	0.0275, 0.5137, 1.0000
CMYK	0.00, 0.50, 1.00, 0.03
HSL	30°, 100%, 49%
HSV	30°, 100%, 97%
XYZ	45.9191, 34.3718, 4.2142
YIQ	146.9400, 113.7080, -12.2760

Conversions

Conversions Part 2

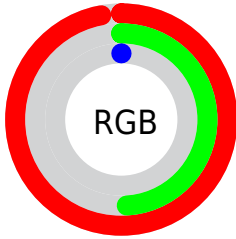
Format	Color
R _Y B	248, 248, 0
Decimal	16284672
CIE Lab	65.26, 42.09, 72.45
CIE LCh	65, 83.784, 59.844
Yxy	34.3718, 0.5434, 0.4067
Android (android.graphics.Color)	4294474752 (0xFFFF87C00)
YUV	146.9400, -72.4414, 88.6296
Hunter-Lab	58.6274, 37.2094, 36.7774

Details

The Hex color **F87C00** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **007CF8**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFB248**, and **B84800** is the 20% darker color. If you saturate the color by 10%, you get **F87C00**, and if you desaturate by 10%, it is **F88819**.

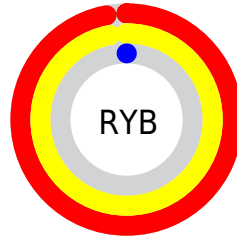
Distribution



Red (97%)

Green (49%)

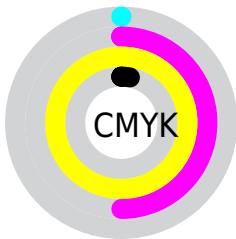
Blue (0%)



Red (97%)

Yellow (97%)

Blue (0%)

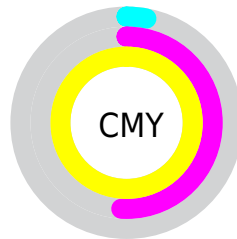


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (3%)



Cyan (3%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F87C00 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 F87C00 by changing the saturation by 10% instead.

 F87C00

 F87C00

FFFFFF

 D86200

 FF248

 B84800

 FFCE63

 982E00

 FFE7E

 7A1200

 FFFF9A

 5C0000

 FFFFB6

 3F0000

 FFFFD3

 230001

 FFFFF0

 000000

 F87C00

 F88819

 F89532

 F8A14A

 F8AE63

 F8BA7C

 F8C695

 F8D3AE

 F8DFC6

 F8ECDF

Harmonies

Analogous

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



FF5659



F87C00



BF9B00

Triad

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



F87C00



00BF9C



958AFF

Complementary

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



F87C00



007CF8

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.



00A8FF



F87C00



00BFE8

Square

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



F87C00



00BA4D



00B9FF



F662EB

Rectangle

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



F87C00



90AA00



00B9FF



5896FF

Sweetspot

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



F87C00



FFD9B3



F8007C



806952



000000



808080

Same Dimension

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



F87C00



FF8000



F8F800



7D7770



BD5E00



3D1F00

Inverse Universe

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



007CF8



0080FF



0000F8



70777D



005EBD



001F3D

Previews

White Background



This preview shows how the Hex color F87C00 looks on a white background.

Color Contrast Check

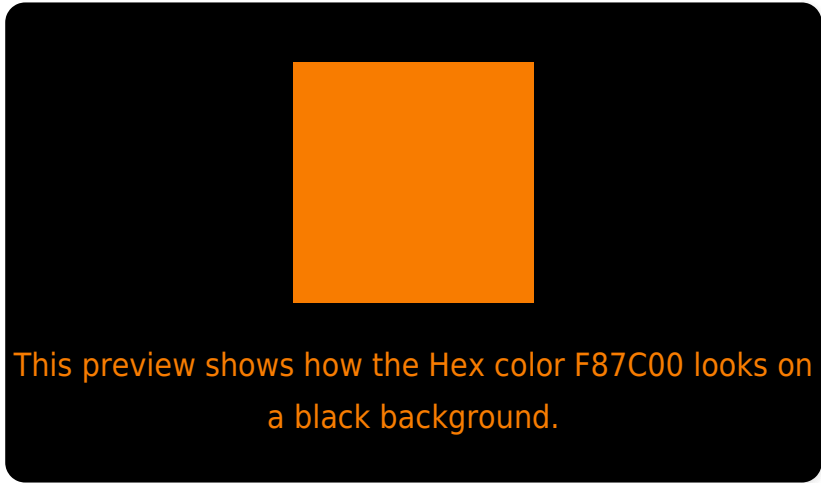
Large Text (above 18pt) WCAG AA × Fail

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 F87C00 Background



This preview shows how black text looks on a background with the Hex color F87C00.



This preview shows how white text looks on a background with the Hex color F87C00.

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



Original Color
F87C00

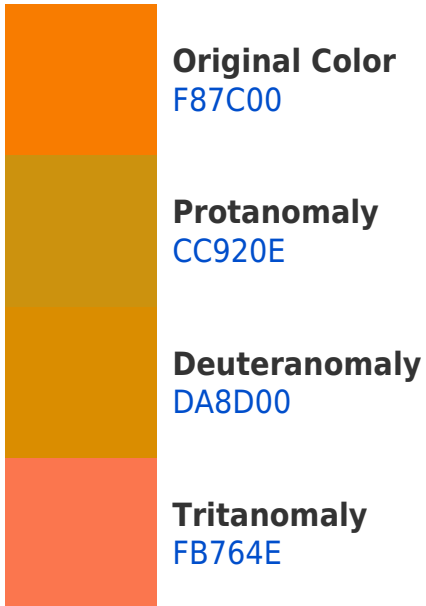
Protanopia
B39F16

Deuteranopia
C99700

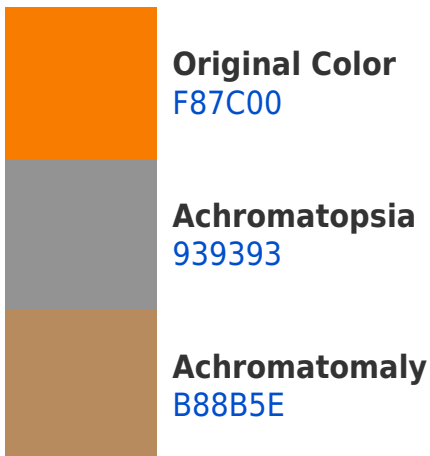


Tritanopia
FC737B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F87C00 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 #F87C00 looks like.

```
.text, #text, p{  
    color:#F87C00  
}
```

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 #F87C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F87C00
}
```

Border

The CSS property to change the border of an element to Hex F87C00 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
#F87C00 }
```

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

```
.border{ border-color:#F87C00 }
```

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

Here you see how a box with a 4 pixel #F87C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F87C00; -webkit-box-shadow:4px 4px  
4px 4px #F87C00; box-shadow:4px 4px 4px  
4px #F87C00 }
```

Background

The CSS property to change the background color of an element to Hex F87C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F87C00 }
```

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

```
.background{ background-color:#F87C00 }
```

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](#).

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