

Converting Colors

Hex(FC8000)

Have a look what the booklet for
Hex(FC8000) contains.

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Color

Hex(FC8000)

Conversions

Conversions Part 1

Format	Color
Hex	FC8000
RGB	252, 128, 0
RGB Percent	99%, 50%, 0%
CMY	0.0118, 0.4980, 1.0000
CMYK	0.00, 0.49, 1.00, 0.01
HSL	30°, 100%, 49%
HSV	30°, 100%, 99%
XYZ	47.8641, 36.1338, 4.4518
YIQ	150.4840, 114.9920, -13.5200

Conversions

Conversions Part 2

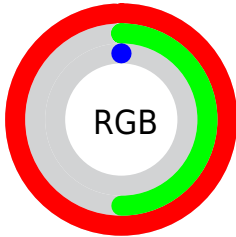
Format	Color
RYB	244, 252, 0
Decimal	16547840
CIELab	66.62, 41.67, 73.55
CIElCh	67, 84.533, 60.469
Yxy	36.1338, 0.5411, 0.4085
Android (android.graphics.Color)	4294737920 (0xFFFC8000)
YUV	150.4840, -74.1886, 89.0295
Hunter-Lab	60.1114, 36.9368, 37.6870

Details

The Hex color **FC8000** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark saturated orange. A complement of this color would be **007CFC**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFB649**, and **BC4C00** is the 20% darker color. If you saturate the color by 10%, you get **FC8000**, and if you desaturate by 10%, it is **FC8C19**.

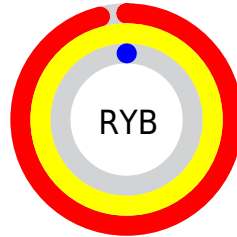
Distribution



Red (99%)

Green (50%)

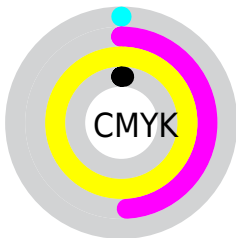
Blue (0%)



Red (96%)

Yellow (99%)

Blue (0%)

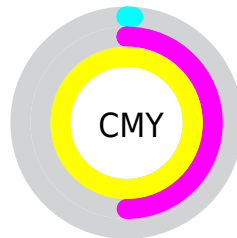


Cyan (0%)

Magenta (49%)

Yellow (100%)

Black (1%)



Cyan (1%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FC8000 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 FC8000 by changing the saturation by 10% instead.

 FC8000

 FC8000

FFFFFF

 DC6600

 FFB649

 BC4C00

 FFD264

 9C3300

 FFEF80

 7D1700

 FFFF9B

 5F0000

 FFFFB8

 420000

 FFFFD4

 280001

 FFFFF2

 000000

 FC8000

 FC8C19

 FC9932

 FCA54C

 FCB265

 FCBE7E

 FCCA97

 FCD7B0

 FCE3CA

 FCF0E3

Harmonies

Analogous

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



FF5A5A



FC8000



C29F00

Triad

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



FC8000



00C3A1



9C8DFE

Complementary

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



FC8000



007CFC

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.



00ABFF



FC8000



00C3EE

Square

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



FC8000



00BE51



00BCFF



FC64EE

Rectangle

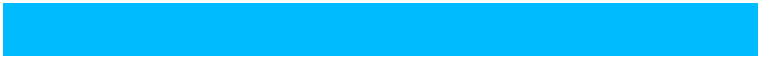
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FC8000



92AE00



00BCFF



6199FF

Sweetspot

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



FC8000



FFD9B3



FC007E



806952



000000



808080

Same Dimension

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



FC8000



FF8200



FCFC00



7D7770



BD6000



3D1F00

Inverse Universe

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



007CFC



007DFF



0000FC



70777D



005DBD



001E3D

Previews

White Background



This preview shows how the Hex color FC8000 looks on a white background.

Color Contrast Check

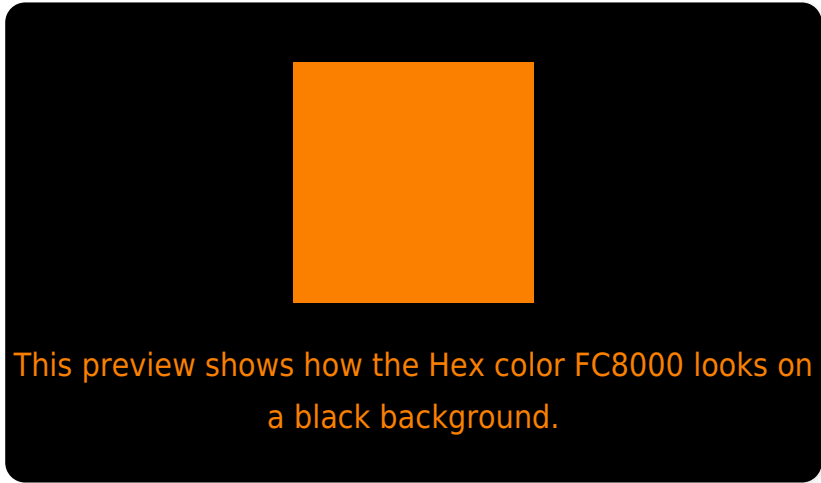
Large Text (above 18pt) WCAG AA × Fail

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 FC8000 Background



This preview shows how black text looks on a background with the Hex color FC8000.

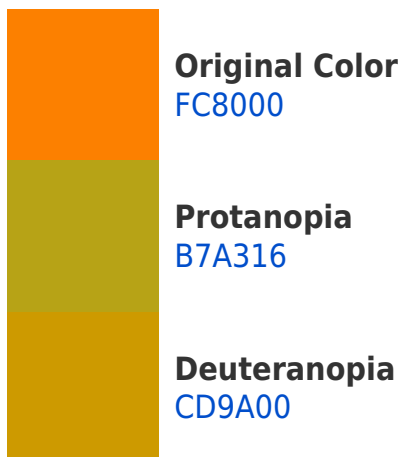


This preview shows how white text looks on a background with the Hex color FC8000.

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](#).

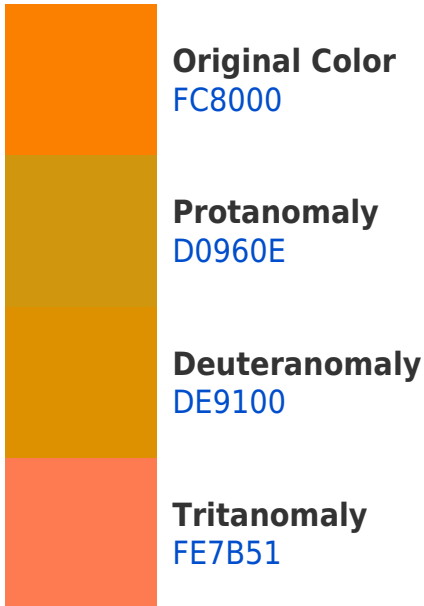
Dichromacy





Tritanopia
FF7880

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FC8000 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 #FC8000 looks like.

```
.text, #text, p{  
    color:#FC8000  
}
```

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 #FC8000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC8000
}
```

Border

The CSS property to change the border of an element to Hex FC8000 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
#FC8000 }
```

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

```
.border{ border-color:#FC8000 }
```

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

Here you see how a box with a 4 pixel #FC8000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC8000; -webkit-box-shadow:4px 4px  
4px 4px #FC8000; box-shadow:4px 4px 4px  
4px #FC8000 }
```

Background

The CSS property to change the background color of an element to Hex FC8000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC8000 }
```

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

```
.background{ background-color:#FC8000 }
```

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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