

Converting Colors

Hex(FB8004)

Have a look what the booklet for
Hex(FB8004) contains.

Hex(FB8004)	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(FB8004)

Conversions

Conversions Part 1

Format	Color
Hex	FB8004
RGB	251, 128, 4
RGB Percent	98%, 50%, 2%
CMY	0.0157, 0.4980, 0.9843
CMYK	0.00, 0.49, 0.98, 0.02
HSL	30°, 97%, 50%
HSV	30°, 98%, 98%
XYZ	47.5247, 35.9563, 4.5503
YIQ	150.6410, 113.1120, -12.4880

Conversions

Conversions Part 2

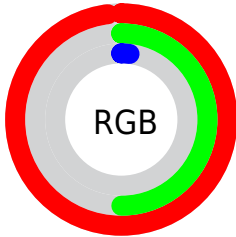
Format	Color
R_{YB}	249, 251, 4
Decimal	16482308
CIE _{Lab}	66.49, 41.31, 72.81
CIE _{LCh}	66, 83.715, 60.433
Yxy	35.9563, 0.5399, 0.4084
Android (android.graphics.Color)	4294672388 (0xFFFB8004)
YUV	150.6410, -72.2940, 88.0148
Hunter-Lab	59.9636, 36.5356, 37.4753

Details

The Hex color **FB8004** 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 **047FFB**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFB64A**, and **BB4C00** is the 20% darker color. If you saturate the color by 10%, you get **FB7E00**, and if you desaturate by 10%, it is **FB8C1D**.

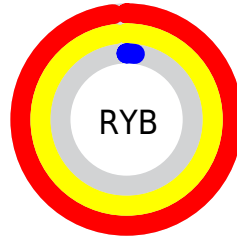
Distribution



Red (98%)

Green (50%)

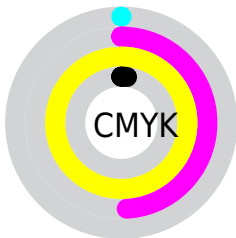
Blue (2%)



Red (98%)

Yellow (98%)

Blue (2%)

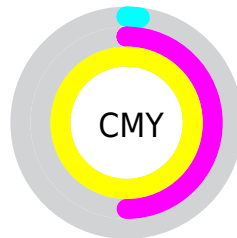


Cyan (0%)

Magenta (49%)

Yellow (98%)

Black (2%)



Cyan (2%)

Magenta (50%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB8004 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 FB8004 by changing the saturation by 10% instead.

 FB8004

 FB8004

FFFFFF

 DB6600

 FFB64A

 BB4C00

 FFD265

 9B3300

 FFEF81

 7C1800

 FFFF9D

 5E0000

 FFFFB9

 420000

 FFFFD6

 270001

 FFFFF3

 000000

 FB8004

 FB8004

 FB7E00

 FB8C1D

 FB9936

 FBA54F

 FBB268

 FBBE82

 FBCB9B

 FBD7B4

 FBE4CD

 FBF0E6

Harmonies

Analogous

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



FF5B5A



FB8004



C19F00

Triad

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



FB8004



00C3A1



9C8DFE

Complementary

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



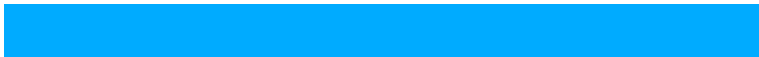
FB8004



047FFB

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



FB8004



00C2EC

Square

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



FB8004



00BE52



00BCFF



FB65ED

Rectangle

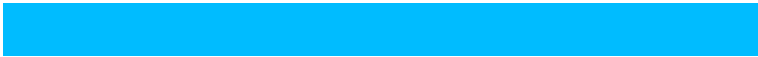
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FB8004



92AD00



00BCFF



6298FF

Sweetspot

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



FB8004



FFD9B3



FB047F



806952



000000



808080

Same Dimension

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



FB8004



FF8000



FBFB04



7D7770



BD5F00



3D1F00

Inverse Universe

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



047FFB



007FFF



0404FB



70777D



005EBD



001E3D

Previews

White Background



This preview shows how the Hex color FB8004 looks on a white background.

Color Contrast Check

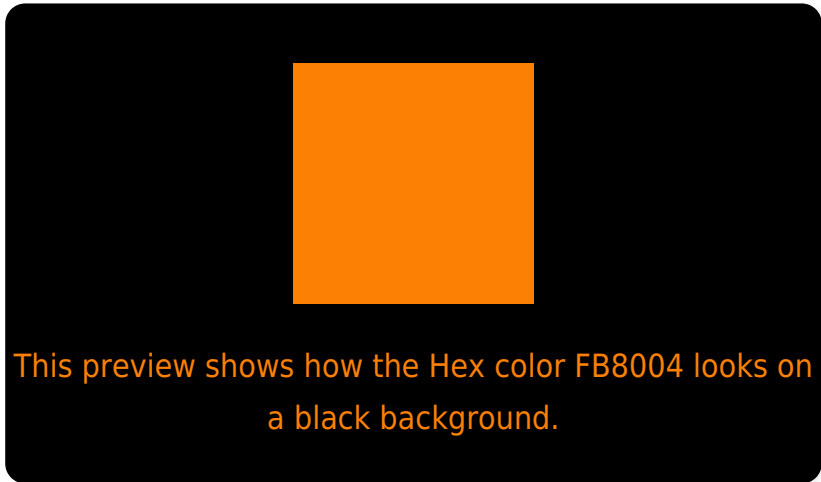
Large Text (above 18pt) WCAG AA × Fail

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 FB8004 Background



This preview shows how black text looks on a background with the Hex color FB8004.



This preview shows how white text looks on a background with the Hex color FB8004.

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](#).

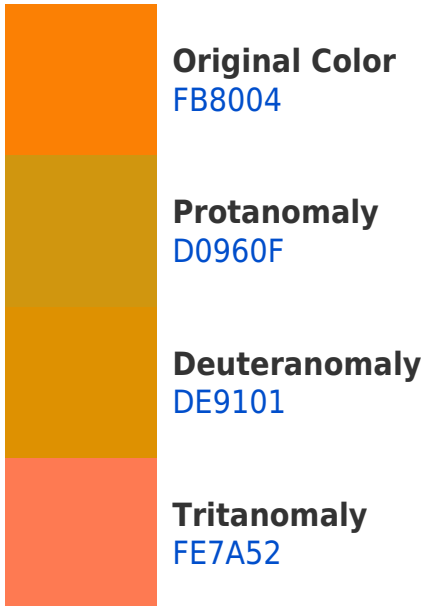
Dichromacy



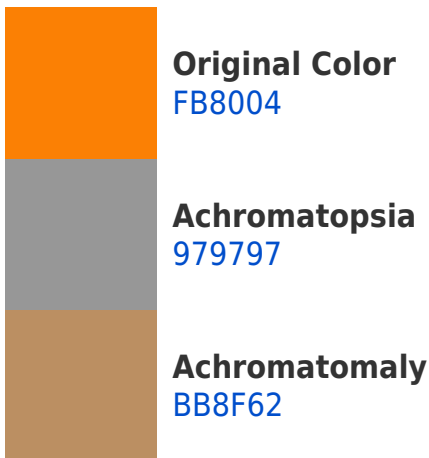


Tritanopia
FF777F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FB8004 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 #FB8004 looks like.

```
.text, #text, p{  
    color:#FB8004  
}
```

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 #FB8004 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB8004  
}
```

Border

The CSS property to change the border of an element to Hex FB8004 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  
#FB8004 }
```

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

```
.border{ border-color:#FB8004 }
```

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

Here you see how a box with a 4 pixel #FB8004 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB8004; -webkit-box-shadow:4px 4px  
4px 4px #FB8004; box-shadow:4px 4px 4px  
4px #FB8004 }
```

Background

The CSS property to change the background color of an element to Hex FB8004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB8004 }
```

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

```
.background{ background-color:#FB8004 }
```

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