

# Converting Colors

Hex(FA8A04)

Have a look what the booklet for  
Hex(FA8A04) contains.

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**Color**

**Hex(FA8A04)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA8A04
RGB	250, 138, 4
RGB Percent	98%, 54%, 2%
CMY	0.0196, 0.4588, 0.9843
CMYK	0.00, 0.45, 0.98, 0.02
HSL	33°, 97%, 50%
HSV	33°, 98%, 98%
XYZ	48.5347, 38.5097, 4.9899
YIQ	156.2120, 109.7660, -17.9300

# Conversions

## Conversions Part 2

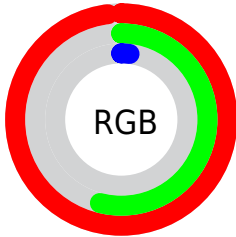
Format	Color
<a href="#">RYB</a>	<a href="#">210, 250, 4</a>
Decimal	<a href="#">16419332</a>
CIELab	<a href="#">68.39, 35.88, 73.94</a>
CIElCh	<a href="#">68, 82.180, 64.116</a>
Yxy	<a href="#">38.5097, 0.5274, 0.4184</a>
Android (android.graphics.Color)	<a href="#">4294609412</a> ( <a href="#">0xFFFA8A04</a> )
YUV	<a href="#">156.2120, -75.0405, 82.2521</a>
Hunter-Lab	<a href="#">62.0562, 31.0082, 38.6718</a>

# Details

The Hex color **FA8A04** 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 **0474FA**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFC04C**, and **BA5700** is the 20% darker color. If you saturate the color by 10%, you get **FA8800**, and if you desaturate by 10%, it is **FA951D**.

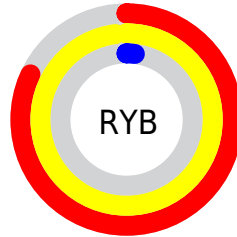
# Distribution



Red (98%)

Green (54%)

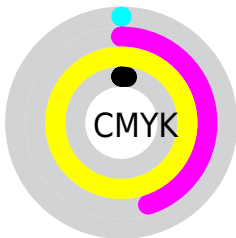
Blue (2%)



Red (82%)

Yellow (98%)

Blue (2%)

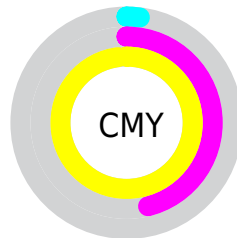


Cyan (0%)

Magenta (45%)

Yellow (98%)

Black (2%)



Cyan (2%)

Magenta (46%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FA8A04 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 FA8A04 by changing the saturation by 10% instead.



 FA8A04

 FA8A04

FFFFFF

 DA7000

 FFC04C

 BA5700

 FFDC67

 9B3E00

 FFF983

 7C2500

 FFFF9F

 5F0A00

 FFFFBB

 420000

 FFFFD8

 2A0001

 FFFFF5

 000000

 FA8A04

 FA8A04

FA8800

FA951D

FAA136

FAAC4F

FAB868

FAC381

FACE9A

FADAB3

FAE5CC

FAF0E5

# Harmonies

## Analogous

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



FF6758



FA8A04



BFA700

# Triad

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



FA8A04



00C8AF



B28EFF

# Complementary

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



FA8A04



0474FA

# 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.



00ADFF



FA8A04



00C7F9

# Square

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



FA8A04



00C462



00BFFF



FF68E9

# Rectangle

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



FA8A04



8EB400



00BFFF



8399FF



# Sweetspot

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



FA8A04



FFDCB3



FA0477



806B52



000000



808080



# Same Dimension

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



FA8A04



FF8B00



F2FA04



7D7770



BD6700



3D2100



# Inverse Universe

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



0474FA



0074FF



0C04FA



70767D



0056BD



001C3D



# Previews

## White Background



This preview shows how the Hex color FA8A04 looks on a white background.

## Color Contrast Check

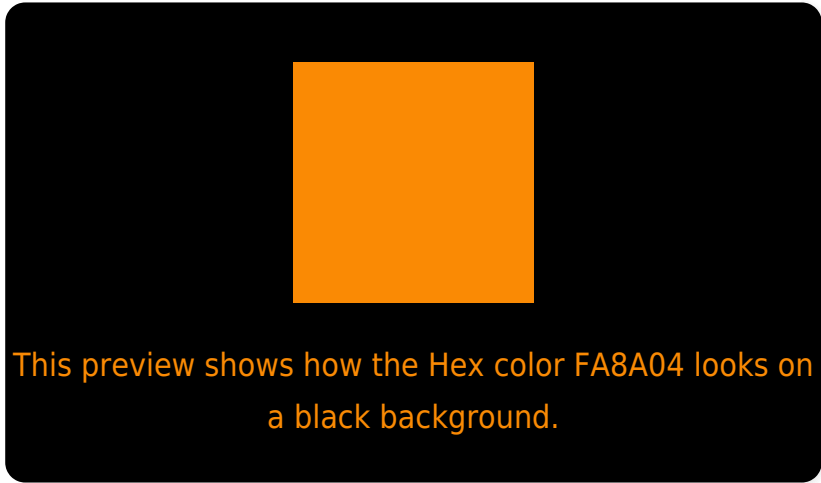
Large Text (above 18pt) WCAG AA × Fail

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 FA8A04 Background



This preview shows how black text looks on a background with the Hex color FA8A04.



This preview shows how white text looks on a background with the Hex color FA8A04.

# 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**  
FA8A04

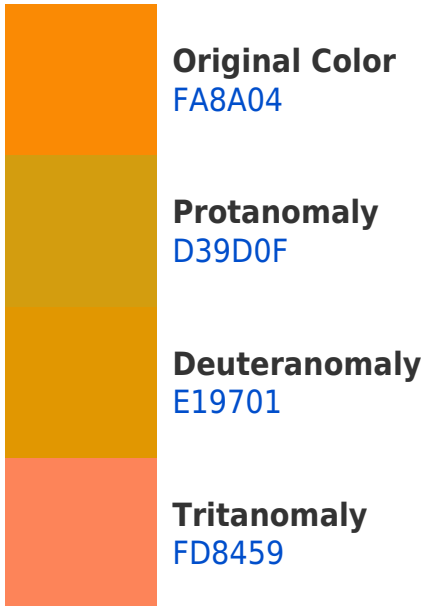
**Protanopia**  
BDA815

**Deuteranopia**  
D39F00

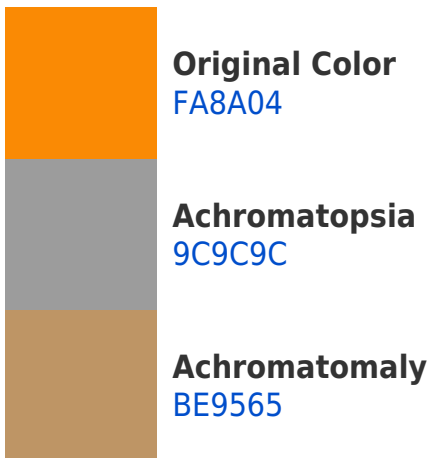


**Tritanopia**  
FF8089

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FA8A04 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 #FA8A04 looks like.

```
.text, #text, p{  
    color:#FA8A04  
}
```

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 #FA8A04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA8A04
}
```

## Border

The CSS property to change the border of an element to Hex FA8A04 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
#FA8A04 }
```

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

```
.border{ border-color:#FA8A04 }
```

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

Here you see how a box with a 4 pixel #FA8A04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA8A04; -webkit-box-shadow:4px 4px  
4px 4px #FA8A04; box-shadow:4px 4px 4px  
4px #FA8A04 }
```

# Background

The CSS property to change the background color of an element to Hex FA8A04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA8A04 }
```

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

```
.background{ background-color:#FA8A04 }
```

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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