

# Converting Colors

Hex(FB9B0A)

Have a look what the booklet for  
Hex(FB9B0A) contains.

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# **Color**

**Hex(FB9B0A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB9B0A
RGB	251, 155, 10
RGB Percent	98%, 61%, 4%
CMY	0.0157, 0.3922, 0.9608
CMYK	0.00, 0.38, 0.96, 0.02
HSL	36°, 97%, 51%
HSV	36°, 96%, 98%
XYZ	51.5598, 43.9738, 6.0575
YIQ	167.1740, 103.7610, -24.7430

# Conversions

## Conversions Part 2

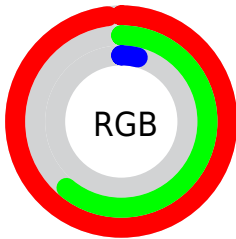
Format	Color
<a href="#">RYB</a>	<a href="#">170, 251, 10</a>
Decimal	<a href="#">16489226</a>
CIELab	<a href="#">72.21, 27.56, 75.74</a>
CIELCh	<a href="#">72, 80.597, 70.003</a>
Yxy	<a href="#">43.9738, 0.5075, 0.4329</a>
Android (android.graphics.Color)	<a href="#">4294679306 (0xFFFB9B0A)</a>
YUV	<a href="#">167.1740, -77.4868, 73.5154</a>
Hunter-Lab	<a href="#">66.3128, 22.7407, 41.0030</a>

# Details

The Hex color **FB9B0A** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **0A6AFB**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFD251**, and **BC6700** is the 20% darker color. If you saturate the color by 10%, you get **FB9700**, and if you desaturate by 10%, it is **FBA523**.

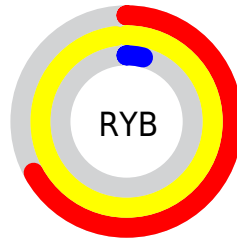
# Distribution



Red (98%)

Green (61%)

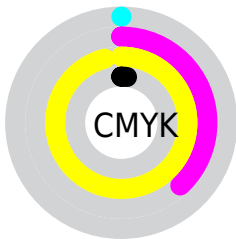
Blue (4%)



Red (67%)

Yellow (98%)

Blue (4%)

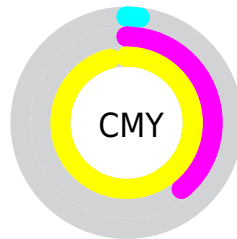


Cyan (0%)

Magenta (38%)

Yellow (96%)

Black (2%)



Cyan (2%)

Magenta (39%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FB9B0A 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 FB9B0A by changing the saturation by 10% instead.



 FB9B0A

 FB9B0A

FFFFFF

 DB8100

 FFD251

 BC6700

 FFEE6D

 9D4F00

 FFFF89

 7F3700

 FFFFA5

 612000

 FFFFC1

 450800

 FFFFDF

 2C0000

 FFFFFC

 000000

 FB9B0A

 FB9B0A

■ FB9700

■ FBA523

■ FBAF3C

■ FBB955

■ FBC36E

■ FBCD87

■ FBD7A1

■ FBE1BA

■ FBEBD3

■ FBF5EC

# Harmonies

## Analogous

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



FF7A55



FB9B0A



BDB600

# Triad

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



FB9B0A



00D3C9



D292FF

# Complementary

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



FB9B0A



0A6AFB

# 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.



00B2FF



FB9B0A



00D1FF

# Square

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



FB9B0A



00D07C



00C7FF



FF6FE5

# Rectangle

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



FB9B0A



8AC214



00C7FF



AC9DFF



# Sweetspot

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



FB9B0A



FFE2B5



FB0A6A



806E53



000000



808080



# Same Dimension

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



FB9B0A



FF9900



E3FB0A



7D7870



BD7200



3D2500



# Inverse Universe

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



0A6AFB



0066FF



220AFB



70757D



004BBD



00183D



# Previews

## White Background



This preview shows how the Hex color FB9B0A looks on a white background.

## Color Contrast Check

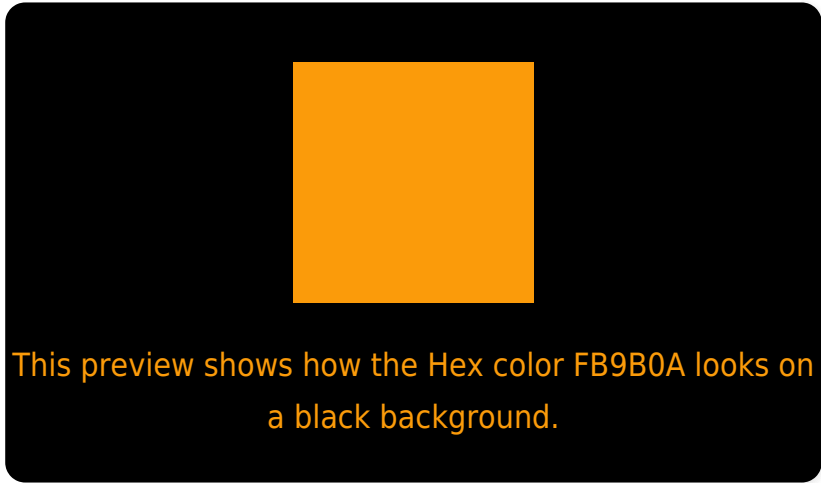
Large Text (above 18pt) WCAG AA × Fail

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 FB9B0A Background



This preview shows how black text looks on a background with the Hex color FB9B0A.



This preview shows how white text looks on a background with the Hex color FB9B0A.

# 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**  
FB9B0A

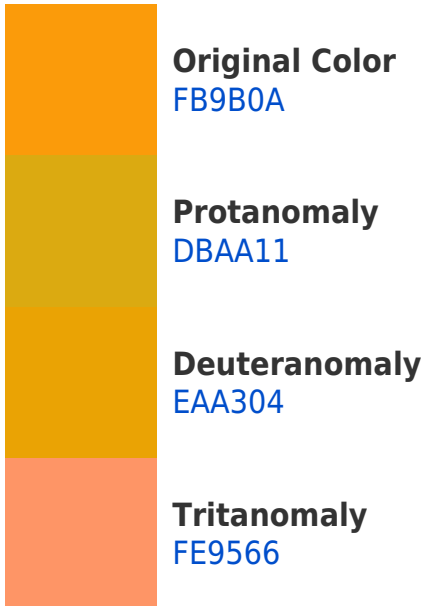
**Protanopia**  
C8B215

**Deuteranopia**  
E0A800

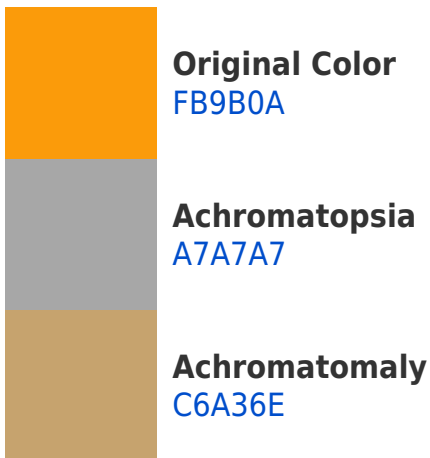


**Tritanopia**  
FF919B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FB9B0A 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 #FB9B0A looks like.

```
.text, #text, p{  
    color:#FB9B0A  
}
```

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 #FB9B0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB9B0A
}
```

## Border

The CSS property to change the border of an element to Hex FB9B0A 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
#FB9B0A }
```

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

```
.border{ border-color:#FB9B0A }
```

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

Here you see how a box with a 4 pixel #FB9B0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB9B0A; -webkit-box-shadow:4px 4px  
4px 4px #FB9B0A; box-shadow:4px 4px 4px  
4px #FB9B0A }
```

# Background

The CSS property to change the background color of an element to Hex FB9B0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB9B0A }
```

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

```
.background{ background-color:#FB9B0A }
```

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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