

Converting Colors

Hex(FC9B00)

Have a look what the booklet for
Hex(FC9B00) contains.

Hex(FC9B00)	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(FC9B00)

Conversions

Conversions Part 1

Format	Color
Hex	FC9B00
RGB	252, 155, 0
RGB Percent	99%, 61%, 0%
CMY	0.0118, 0.3922, 1.0000
CMYK	0.00, 0.38, 1.00, 0.01
HSL	37°, 100%, 49%
HSV	37°, 100%, 99%
XYZ	51.8662, 44.1381, 5.7859
YIQ	166.3330, 107.5670, -27.6410

Conversions

Conversions Part 2

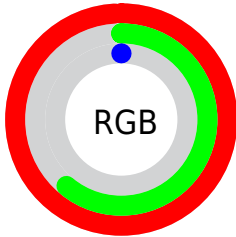
Format	Color
RYB	158, 252, 0
Decimal	16554752
CIELab	72.32, 27.90, 77.09
CIELCh	72, 81.978, 70.106
Yxy	44.1381, 0.5095, 0.4336
Android (android.graphics.Color)	4294744832 (0xFFFC9B00)
YUV	166.3330, -82.0022, 75.1300
Hunter-Lab	66.4365, 23.0889, 41.3421

Details

The Hex color **FC9B00** 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 **0061FC**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFD24D**, and **BD6700** is the 20% darker color. If you saturate the color by 10%, you get **FC9B00**, and if you desaturate by 10%, it is **FCA519**.

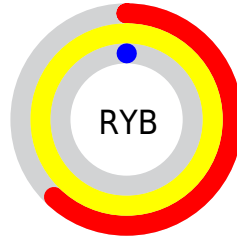
Distribution



Red (99%)

Green (61%)

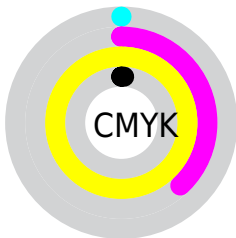
Blue (0%)



Red (62%)

Yellow (99%)

Blue (0%)

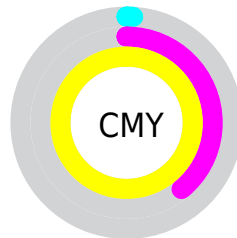


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (1%)



Cyan (1%)

Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FC9B00 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 FC9B00 by changing the saturation by 10% instead.

 FC9B00

 FC9B00

FFFFFF

 DC8100

 FFD24D

 BD6700

 FFEE6A

 9E4F00

 FFFF86

 7F3700

 FFFFA2

 622000

 FFFFBF

 460800

 FFFFDC

 2D0000

 FFFFF9

 000000

 FC9B00

 FCA519

 FCAE32

 FCB84C

 FCC265

 FCCC7E

 FCD597

 FCDFB0

 FCE9CA

 FCF2E3

Harmonies

Analogous

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



FF7954



FC9B00



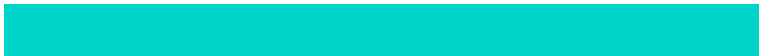
BDB600

Triad

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



FC9B00



00D4CA



D391FF

Complementary

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



FC9B00



0061FC

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



FC9B00



00D1FF

Square

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



FC9B00



00D07B



00C7FF



FF6DE6

Rectangle

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



FC9B00



89C20D



00C7FF



AD9DFF

Sweetspot

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



FC9B00



FFE2B3



FC0065



806E52



000000



808080

Same Dimension

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



FC9B00



FF9D00



E3FC00



7D7870



BD7400



3D2600

Inverse Universe

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



0061FC



0062FF



1900FC



70757D



0049BD



00183D

Previews

White Background



This preview shows how the Hex color FC9B00 looks on a white background.

Color Contrast Check

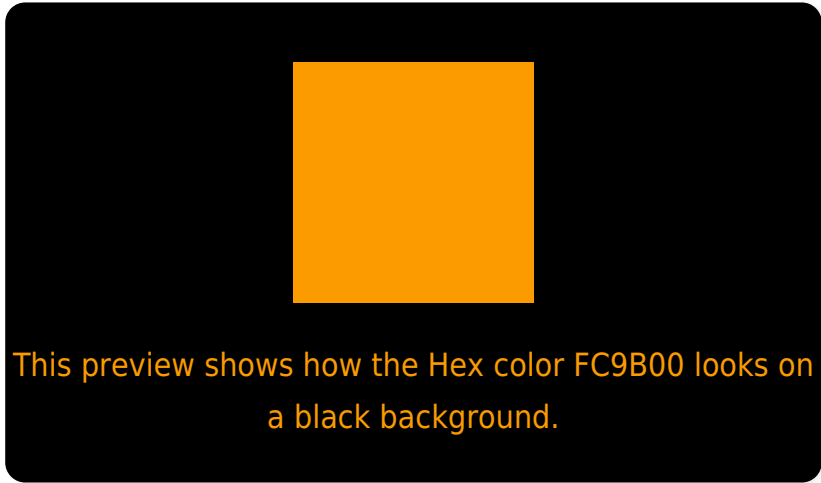
Large Text (above 18pt) WCAG AA × Fail

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 FC9B00 Background



This preview shows how black text looks on a background with the Hex color FC9B00.



This preview shows how white text looks on a background with the Hex color FC9B00.

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
FC9B00

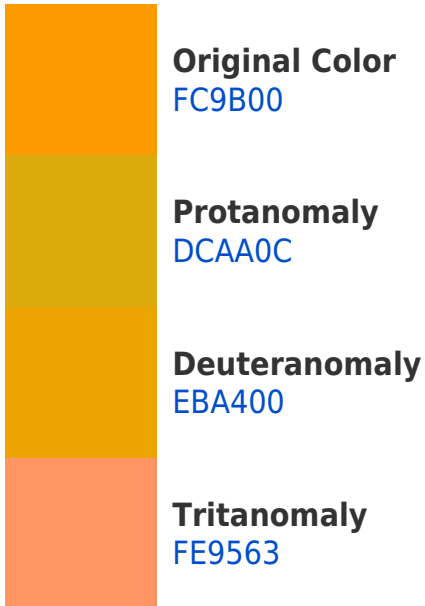
Protanopia
C9B213

Deuteranopia
E1A900

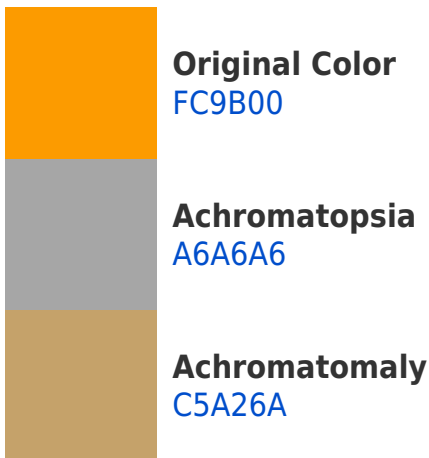


Tritanopia
FF929C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FC9B00 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 #FC9B00 looks like.

```
.text, #text, p{  
    color:#FC9B00  
}
```

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 #FC9B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC9B00
}
```

Border

The CSS property to change the border of an element to Hex FC9B00 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
#FC9B00 }
```

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

```
.border{ border-color:#FC9B00 }
```

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

Here you see how a box with a 4 pixel #FC9B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC9B00; -webkit-box-shadow:4px 4px  
4px 4px #FC9B00; box-shadow:4px 4px 4px  
4px #FC9B00 }
```

Background

The CSS property to change the background color of an element to Hex FC9B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC9B00 }
```

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

```
.background{ background-color:#FC9B00 }
```

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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