

# Converting Colors

Hex(FCA000)

Have a look what the booklet for  
Hex(FCA000) contains.

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**Color**

**Hex(FCA000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCA000
RGB	252, 160, 0
RGB Percent	99%, 63%, 0%
CMY	0.0118, 0.3725, 1.0000
CMYK	0.00, 0.37, 1.00, 0.01
HSL	38°, 100%, 49%
HSV	38°, 100%, 99%
XYZ	52.7157, 45.8371, 6.0690
YIQ	169.2680, 106.1920, -30.2560

# Conversions

## Conversions Part 2

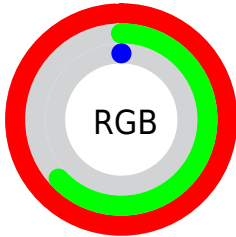
Format	Color
<a href="#">RYB</a>	<a href="#">145, 252, 0</a>
Decimal	<a href="#">16556032</a>
CIELab	<a href="#">73.44, 25.29, 77.81</a>
CIELCh	<a href="#">73, 81.815, 71.994</a>
Yxy	<a href="#">45.8371, 0.5039, 0.4381</a>
Android (android.graphics.Color)	<a href="#">4294746112 (0xFFFC000)</a>
YUV	<a href="#">169.2680, -83.4491, 72.5560</a>
Hunter-Lab	<a href="#">67.7031, 20.5052, 42.0773</a>

# Details

The Hex color **FCA000** 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 **005CFC**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFD74E**, and **BD6C00** is the 20% darker color. If you saturate the color by 10%, you get **FCA000**, and if you desaturate by 10%, it is **FCA919**.

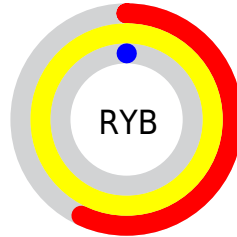
# Distribution



Red (99%)

Green (63%)

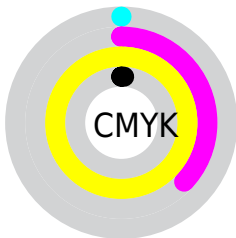
Blue (0%)



Red (57%)

Yellow (99%)

Blue (0%)

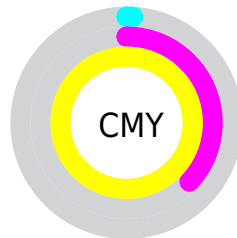


Cyan (0%)

Magenta (37%)

Yellow (100%)

Black (1%)



Cyan (1%)

Magenta (37%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FCA000 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 FCA000 by changing the saturation by 10% instead.



 FCA000

 FCA000

FFFFFF

 DC8600

 FFD74E

 BD6C00

 FFF36B

 9E5400

 FFFF87

 803C00

 FFFFA3

 622500

 FFFFC0

 460F00

 FFFFDD

 2D0000

 FFFFFB

 000000

 FCA000

 FCA919

 FCB232

 FCBC4C

 FCC565

 FCCE7E

 FCD797

 FCE0B0

 FCEACA

 FCF3E3

# Harmonies

## Analogous

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



FF7E53



FCA000



BCBA00

# Triad

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



FCA000



00D7D1



DD92FF

# Complementary

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



FCA000



005CFC

# 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.



31B3FF



FCA000



00D4FF

# Square

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



FCA000



00D483



00C9FF



FF6FE5

# Rectangle

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



FCA000



87C71B



00C9FF



B89EFF



# Sweetspot

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



FCA000



FFE3B3



FC005C



806F52



000000



808080



# Same Dimension

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



FCA000



FFA200



DAFC00



7D7870



BD7800



3D2700



# Inverse Universe

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



005CFC



005DFF



2200FC



70757D



0045BD



00163D



# Previews

## White Background



This preview shows how the Hex color FCA000 looks on a white background.

## Color Contrast Check

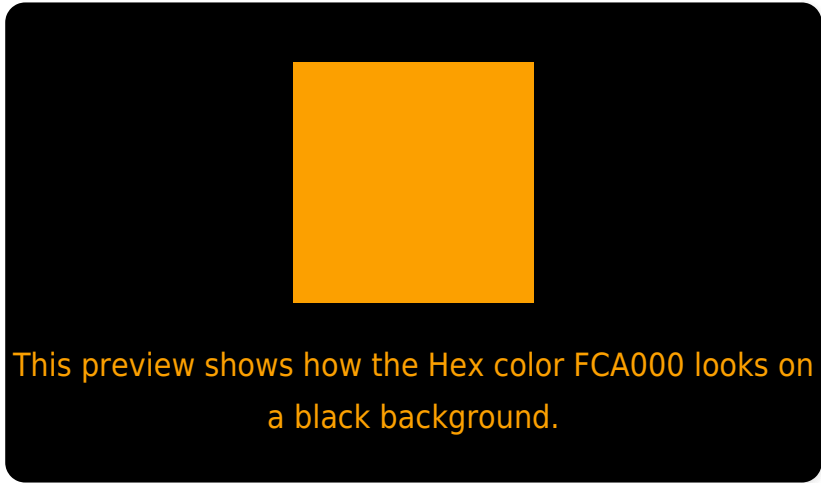
Large Text (above 18pt) WCAG AA × Fail

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 FCA000 Background



This preview shows how black text looks on a background with the Hex color FCA000.



This preview shows how white text looks on a background with the Hex color FCA000.

# 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**  
FCA000

**Protanopia**  
CCB512

**Deuteranopia**  
E5AB00



**Tritanopia**  
FF97A1

# Trichromacy



**Original Color**  
FCA000

**Protanomaly**  
DDAD0B

**Deuteranomaly**  
EDA700

**Tritanomaly**  
FE9A66

# Monochromacy



**Original Color**  
FCA000

**Achromatopsia**  
A9A9A9

**Achromatomaly**  
C7A66C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FCA000 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 #FCA000 looks like.

```
.text, #text, p{  
    color:#FCA000  
}
```

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 #FCA000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCA000
}
```

## Border

The CSS property to change the border of an element to Hex FCA000 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
#FCA000 }
```

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

```
.border{ border-color:#FCA000 }
```

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

Here you see how a box with a 4 pixel #FCA000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCA000; -webkit-box-shadow:4px 4px  
4px 4px #FCA000; box-shadow:4px 4px 4px  
4px #FCA000 }
```

# Background

The CSS property to change the background color of an element to Hex FCA000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCA000 }
```

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

```
.background{ background-color:#FCA000 }
```

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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