

# Converting Colors

Hex(FCC403)

Have a look what the booklet for  
Hex(FCC403) contains.

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**Color**

**Hex(FCC403)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCC403
RGB	252, 196, 3
RGB Percent	99%, 77%, 1%
CMY	0.0118, 0.2314, 0.9882
CMYK	0.00, 0.22, 0.99, 0.01
HSL	47°, 98%, 50%
HSV	47°, 99%, 99%
XYZ	59.9012, 60.1819, 8.5453
YIQ	190.7420, 95.3290, -48.1510

# Conversions

## Conversions Part 2

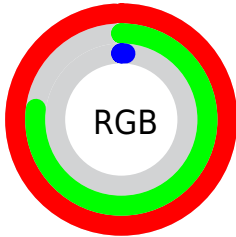
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 252, 3
Decimal	16565251
CIE <sub>Lab</sub>	81.94, 6.54, 83.23
CIE <sub>LCh</sub>	82, 83.485, 85.507
Yxy	60.1819, 0.4657, 0.4679
Android (android.graphics.Color)	4294755331 (0xFFFC403)
YUV	190.7420, -92.5568, 53.7233
Hunter-Lab	77.5770, 2.0695, 47.7730

# Details

The Hex color **FCC403** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **033BFC**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFFC56**, and **BE8F00** is the 20% darker color. If you saturate the color by 10%, you get **FCC300**, and if you desaturate by 10%, it is **FCCA1C**.

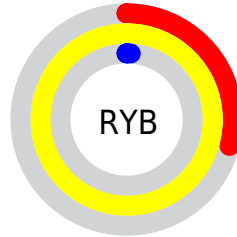
# Distribution



Red (99%)

Green (77%)

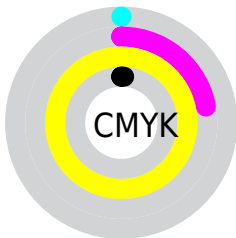
Blue (1%)



Red (29%)

Yellow (99%)

Blue (1%)

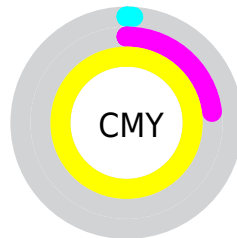


Cyan (0%)

Magenta (22%)

Yellow (99%)

Black (1%)



Cyan (1%)

Magenta (23%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FCC403 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 FCC403 by changing the saturation by 10% instead.



 FCC403

 FCC403

FFFFFF

 DDA900

 FFFC56

 BE8F00

 FFFF73

 A07500

 FFFF90

 825D00

 FFFFAD

 654600

 FFFFCB

 493000

 FFFFEB

 2F1B00

 170200

 000000

 FCC403

 FCC403

 FCC300

 FCCA1C

 FCCF35

 FCD54F

 FCDB68

 FCE081

 FCE69A

 FCECB3

 FCF1CD

 FCF7E6

# Harmonies

## Analogous

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



FFA448



FCC403



B1DB26

# Triad

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



FCC403



00F0FF



FF98FF

# Complementary

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



FCC403



033BFC

# 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.



B4BCFF



FCC403



00E9FF

# Square

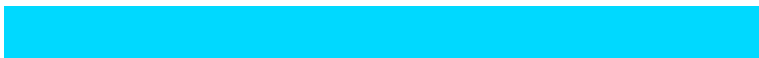
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FCC403



00EFBD



00D9FF



FF7EDB

# Rectangle

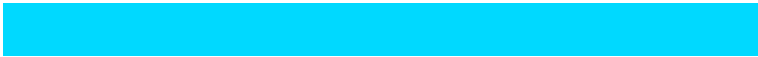
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FCC403



6FE555



00D9FF



FFA4FF

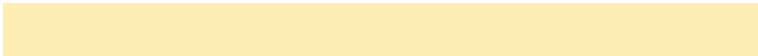


# Sweetspot

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



FCC403



FFEEB3



FC033D



807552



000000



808080



# Same Dimension

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



FCC403



FFC600



BAFC03



7D7A70



BD9200



3D2F00



# Inverse Universe

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



033BFC



0039FF



4503FC



70737D



002ABD



000E3D



# Previews

## White Background



This preview shows how the Hex color FCC403 looks on a white background.

## Color Contrast Check

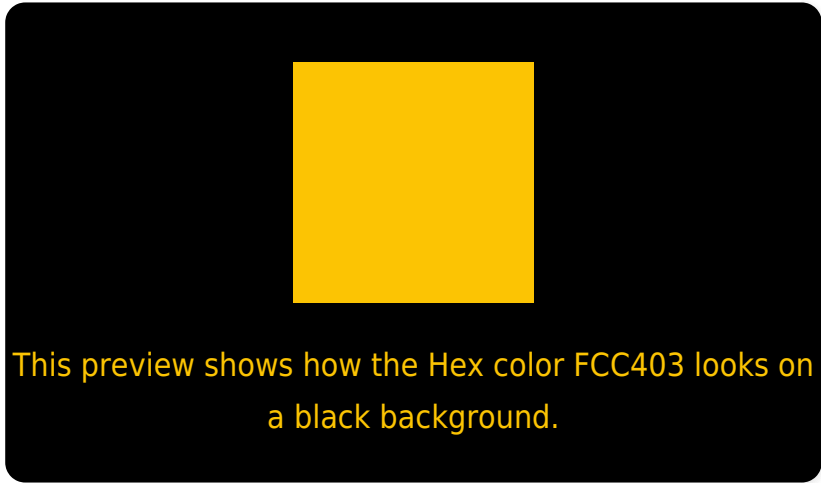
Large Text (above 18pt) WCAG AA × Fail

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 FCC403 Background



This preview shows how black text looks on a background with the Hex color FCC403.



This preview shows how white text looks on a background with the Hex color FCC403.

# 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**  
FCC403

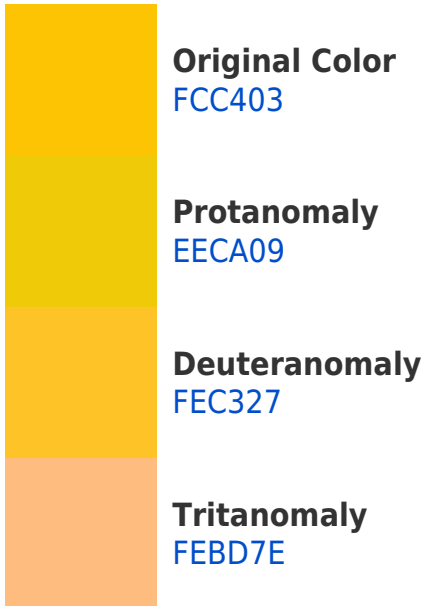
**Protanopia**  
E6CD0D

**Deuteranopia**  
FFC23B

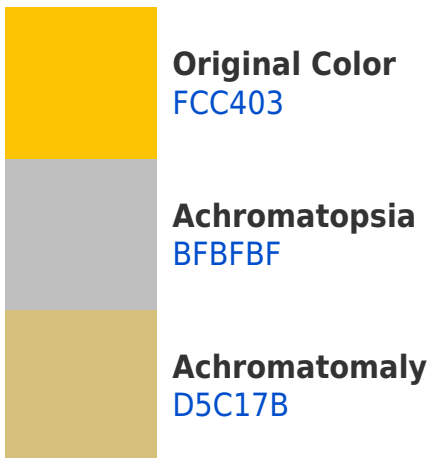


**Tritanopia**  
FFB9C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FCC403 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 #FCC403 looks like.

```
.text, #text, p{  
    color:#FCC403  
}
```

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 #FCC403 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCC403
}
```

## Border

The CSS property to change the border of an element to Hex FCC403 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
#FCC403 }
```

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

```
.border{ border-color:#FCC403 }
```

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

Here you see how a box with a 4 pixel #FCC403 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCC403; -webkit-box-shadow:4px 4px  
4px 4px #FCC403; box-shadow:4px 4px 4px  
4px #FCC403 }
```

# Background

The CSS property to change the background color of an element to Hex FCC403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCC403 }
```

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

```
.background{ background-color:#FCC403 }
```

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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