

Converting Colors

Hex(FFC03F)

Have a look what the booklet for
Hex(FFC03F) contains.

Hex(FFC03F)	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(FFC03F)

Conversions

Conversions Part 1

Format	Color
Hex	FFC03F
RGB	255, 192, 63
RGB Percent	100%, 75%, 25%
CMY	0.0000, 0.2471, 0.7529
CMYK	0.00, 0.25, 0.75, 0.00
HSL	40°, 100%, 62%
HSV	40°, 75%, 100%
XYZ	60.9868, 59.3182, 12.9378
YIQ	196.1310, 78.9570, -26.7630

Conversions

Conversions Part 2

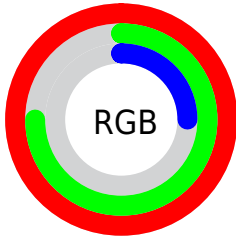
Format	Color
RYB	157, 255, 63
Decimal	16760895
CIELab	81.47, 11.14, 69.72
CIElCh	81, 70.605, 80.919
Yxy	59.3182, 0.4577, 0.4452
Android (android.graphics.Color)	4294950975 (0xFFFFC03F)
YUV	196.1310, -65.6336, 51.6281
Hunter-Lab	77.0183, 6.5630, 43.9530

Details

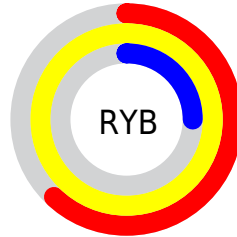
The Hex color **FFC03F** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **3F7EFF**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFF877**, and **C28B00** is the 20% darker color. If you saturate the color by 10%, you get **FFB825**, and if you desaturate by 10%, it is **FFC859**.

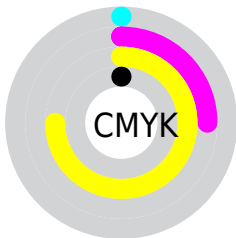
Distribution



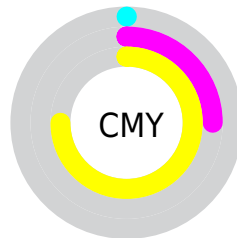
- Red (100%)
- Green (75%)
- Blue (25%)



- Red (62%)
- Yellow (100%)
- Blue (25%)



- Cyan (0%)
- Magenta (25%)
- Yellow (75%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFC03F 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 FFC03F by changing the saturation by 10% instead.

 FFC03F

 FFC03F

FFFFFF

 E0A51F

 FFF877

 C28B00

 FFFF93

 A47200

 FFFFAF

 865900

 FFFFCB

 694200

 FFFFE8

 4D2C00

 331800

 1C0000

 000000

 FFC03F

 FFC03F

 FFB825

 FFC859

 FFAF0C

 FFD172

 FFAB00

 FFD98C

 FFE1A5

 FFEABF

 FFF2D8

 FFFBF2

FFFFFF

Harmonies

Analogous

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



FFA665



FFC03F



C1D544

Triad

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



FFC03F



00EAF8



FFA5FF

Complementary

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



FFC03F



3F7EFF

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.



A9C1FF



FFC03F



00E5FF

Square

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



FFC03F



00E9B3



00D8FF



FF90E1

Rectangle

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



FFC03F



8FDF60



00D8FF



EEAFFF

Sweetspot

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



FFC03F



FFECC4



FF3F7F



80745C



000000



808080

Same Dimension

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



FFC03F



FFB419



DFFF3F



807B73



BF8000



402B00

Inverse Universe

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



3F7EFF



1965FF



5F3FFF



737780



003FBF



001540

Previews

White Background



This preview shows how the Hex color FFC03F looks on a white background.

Color Contrast Check

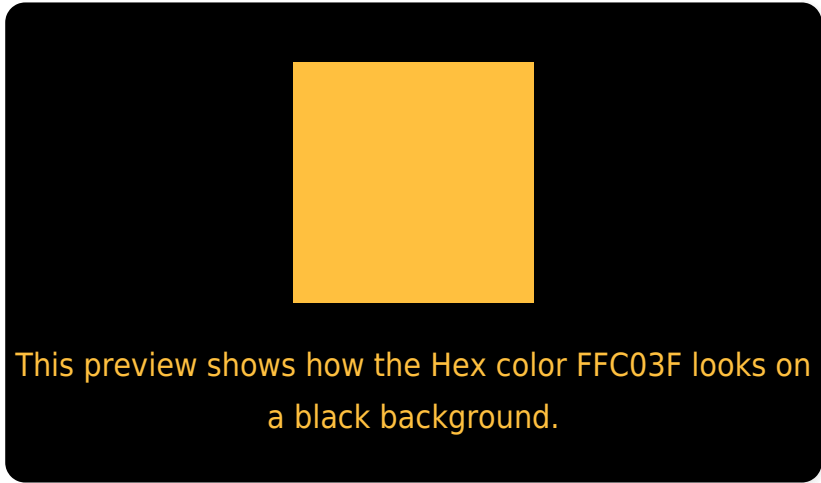
Large Text (above 18pt) WCAG AA × Fail

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 FFC03F Background



This preview shows how black text looks on a background with the Hex color FFC03F.

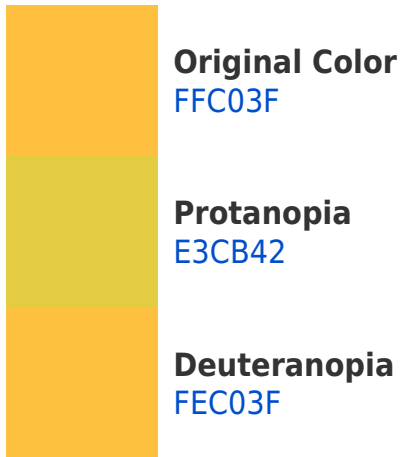


This preview shows how white text looks on a background with the Hex color FFC03F.

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](#).

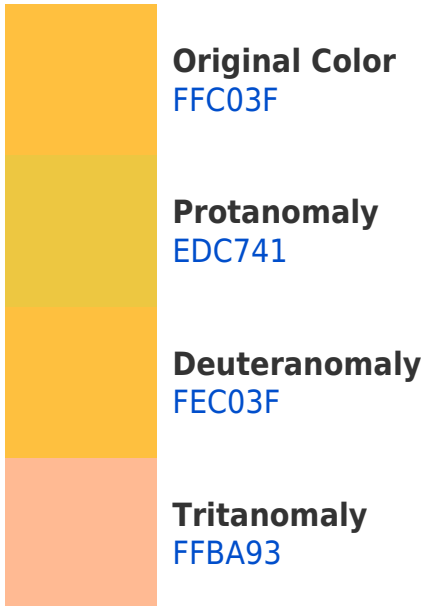
Dichromacy



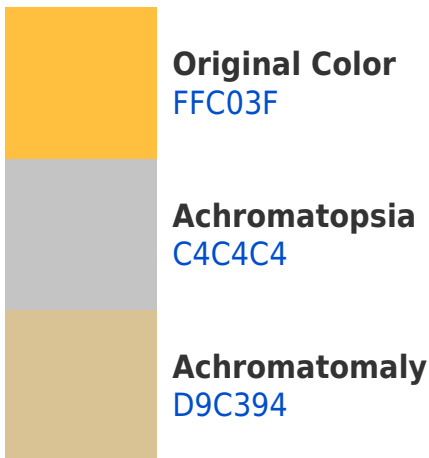


Tritanopia
FFB7C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFC03F 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 #FFC03F looks like.

```
.text, #text, p{  
    color:#FFC03F  
}
```

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 #FFC03F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC03F
}
```

Border

The CSS property to change the border of an element to Hex FFC03F 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
#FFC03F }
```

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

```
.border{ border-color:#FFC03F }
```

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

Here you see how a box with a 4 pixel #FFC03F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC03F; -webkit-box-shadow:4px 4px  
4px 4px #FFC03F; box-shadow:4px 4px 4px  
4px #FFC03F }
```

Background

The CSS property to change the background color of an element to Hex FFC03F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC03F }
```

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

```
.background{ background-color:#FFC03F }
```

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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