

Converting Colors

Hex(FFC700)

Have a look what the booklet for
Hex(FFC700) contains.

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Color

Hex(FFC700)

Conversions

Conversions Part 1

Format	Color
Hex	FFC700
RGB	255, 199, 0
RGB Percent	100%, 78%, 0%
CMY	0.0000, 0.2196, 1.0000
CMYK	0.00, 0.22, 1.00, 0.00
HSL	47°, 100%, 50%
HSV	47°, 100%, 100%
XYZ	61.6634, 62.1068, 8.7378
YIQ	193.0580, 97.2550, -50.0170

Conversions

Conversions Part 2

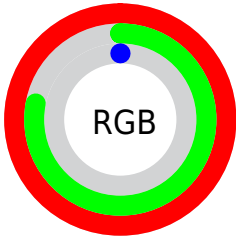
Format	Color
R _Y B	72, 255, 0
Decimal	16762624
CIE Lab	82.97, 6.25, 84.37
CIE LCh	83, 84.603, 85.763
Yxy	62.1068, 0.4654, 0.4687
Android (android.graphics.Color)	4294952704 (0xFFFFC700)
YUV	193.0580, -95.1776, 54.3231
Hunter-Lab	78.8079, 1.7539, 48.5918

Details

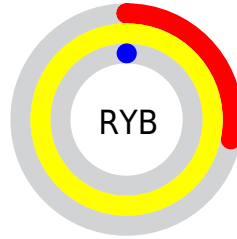
The Hex color **FFC700** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **0038FF**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFF56**, and **C19200** is the 20% darker color. If you saturate the color by 10%, you get **FFC700**, and if you desaturate by 10%, it is **FFCD19**.

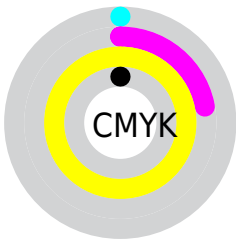
Distribution



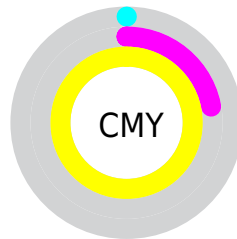
- Red (100%)
- Green (78%)
- Blue (0%)



- Red (28%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (22%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (22%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFC700 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 FFC700 by changing the saturation by 10% instead.

 FFC700

 FFC700

FFFFFF

 E0AC00

 FFFF56

 C19200

 FFFF73

 A27800

 FFFF91

 856000

 FFFFAE

 684800

 FFFFCB

 4C3200

 FFFF E9

 321D00

 190500

 000000

 FFC700

 FFCD19

 FFD233

 FFD84D

 FFDD66

 FFE380

 FFE999

 FFEEB3

 FFF4CC

 FFF9E6

Harmonies

Analogous

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



FFA748



FFC700



B2DE26

Triad

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



FFC700



00F3FF



FF9AFF

Complementary

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



FFC700



0038FF

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.



B7BEFF



FFC700



00ECFF

Square

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



FFC700



00F3C0



00DBFF



FF7FDD

Rectangle

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



FFC700



6FE956



00DBFF



FFA6FF

Sweetspot

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



FFC700



FFEEB3



FF003C



807552



000000



808080

Same Dimension

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



FFC700



BBFF00



807D73



BF9500



403200

Inverse Universe

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



0038FF



4400FF



737680



002ABF



000E40

Previews

White Background



This preview shows how the Hex color FFC700 looks on a white background.

Color Contrast Check

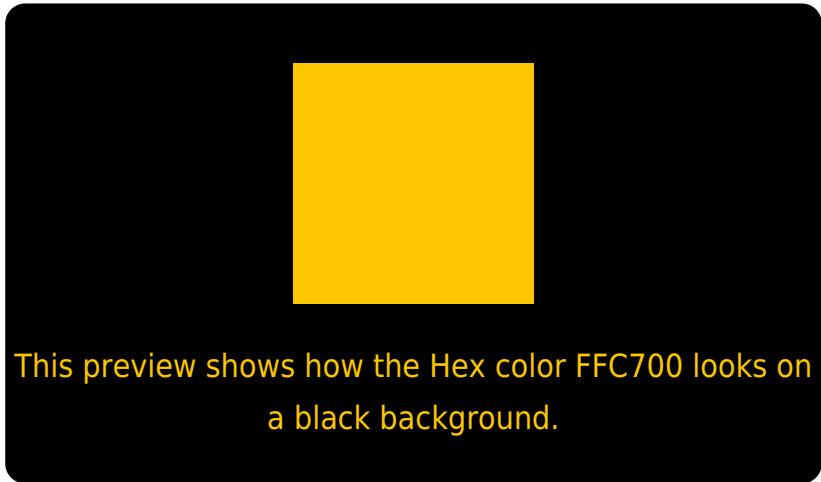
Large Text (above 18pt) WCAG AA × Fail

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 FFC700 Background



This preview shows how black text looks on a background with the Hex color FFC700.

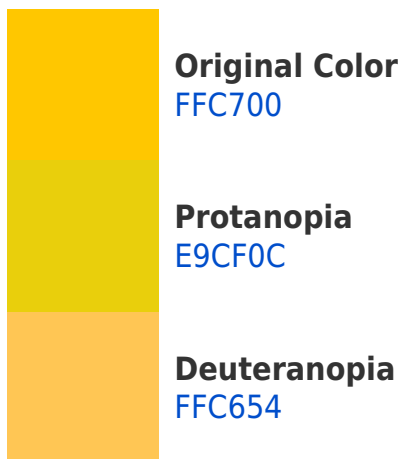


This preview shows how white text looks on a background with the Hex color FFC700.

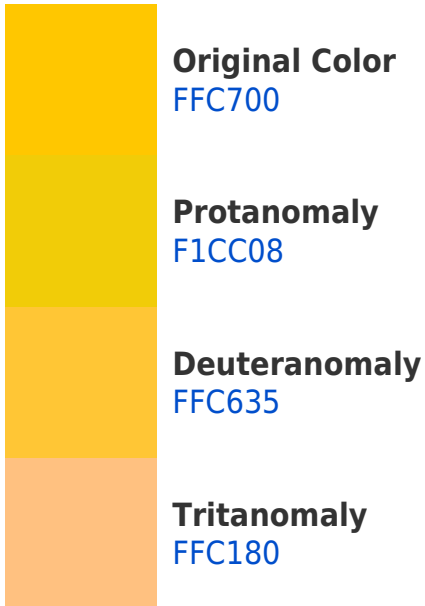
Color Blindness Simulation

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](#).

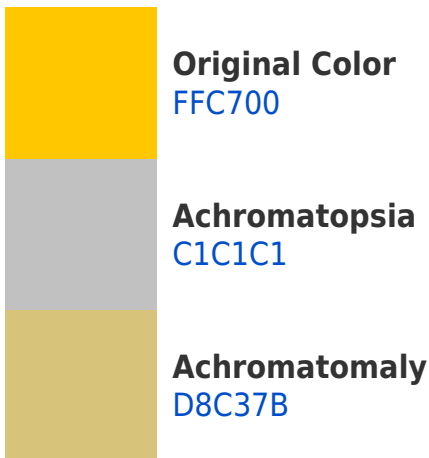
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFC700 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 #FFC700 looks like.

```
.text, #text, p{  
    color:#FFC700  
}
```

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 #FFC700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC700
}
```

Border

The CSS property to change the border of an element to Hex FFC700 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
#FFC700 }
```

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

```
.border{ border-color:#FFC700 }
```

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

Here you see how a box with a 4 pixel #FFC700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC700; -webkit-box-shadow:4px 4px  
4px 4px #FFC700; box-shadow:4px 4px 4px  
4px #FFC700 }
```

Background

The CSS property to change the background color of an element to Hex FFC700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC700 }
```

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

```
.background{ background-color:#FFC700 }
```

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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