

Converting Colors

Hex(FFCE00)

Have a look what the booklet for
Hex(FFCE00) contains.

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Color

Hex(FFCE00)

Conversions

Conversions Part 1

Format	Color
Hex	FFCE00
RGB	255, 206, 0
RGB Percent	100%, 81%, 0%
CMY	0.0000, 0.1922, 1.0000
CMYK	0.00, 0.19, 1.00, 0.00
HSL	48°, 100%, 50%
HSV	48°, 100%, 100%
XYZ	63.3113, 65.4026, 9.2871
YIQ	197.1670, 95.3300, -53.6780

Conversions

Conversions Part 2

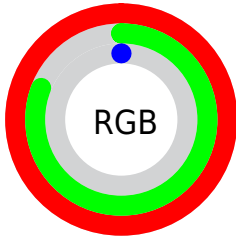
Format	Color
RYB	61, 255, 0
Decimal	16764416
CIELab	84.69, 2.66, 85.57
CIELCh	85, 85.608, 88.222
Yxy	65.4026, 0.4588, 0.4739
Android (android.graphics.Color)	4294954496 (0xFFFFCE00)
YUV	197.1670, -97.2033, 50.7195
Hunter-Lab	80.8719, -1.7854, 49.8016

Details

The Hex color **FFCE00** 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 **0031FF**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFF57**, and **C19800** is the 20% darker color. If you saturate the color by 10%, you get **FFCE00**, and if you desaturate by 10%, it is **FFD319**.

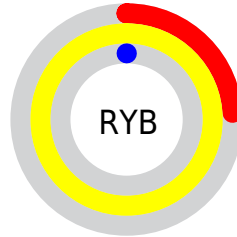
Distribution



Red (100%)

Green (81%)

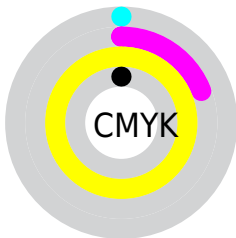
Blue (0%)



Red (24%)

Yellow (100%)

Blue (0%)

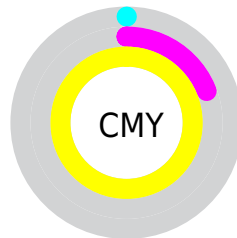


Cyan (0%)

Magenta (19%)

Yellow (100%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFCE00 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 FFCE00 by changing the saturation by 10% instead.

 FFCE00

 FFCE00

FFFFFF

 E0B300

 FFFF57

 C19800

 FFFF75

 A37F00

 FFFF92

 856600

 FFFFAF

 684E00

 FFFFCD

 4C3800

 FFFFEB

 322300

 1A0E00

 000000

 FFCE00

 FFD319

 FFD833

 FFDD4D

 FFE266

 FFE780

 FFEB99

 FFF0B3

 FFF5CC

 FFFAE6

Harmonies

Analogous

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



FFAE46



FFCE00



B0E52F

Triad

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



FFCE00



00F8FF



FF9BFF

Complementary

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



FFCE00



0031FF

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.



C8C0FF



FFCE00



00F1FF

Square

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



FFCE00



00F9CC



00DEFF



FF82DC

Rectangle

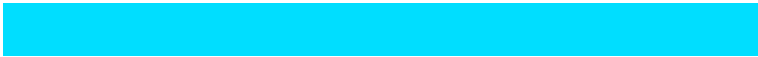
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFCE00



67EF60



00DEFF



FFA7FF

Sweetspot

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



FFCE00



FFF0B3



FF0033



807752



000000



808080

Same Dimension

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



FFCE00



B3FF00



807D73



BF9B00



403400

Inverse Universe

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



0031FF



4C00FF



737580



0025BF



000C40

Previews

White Background



This preview shows how the Hex color FFCE00 looks on a white background.

Color Contrast Check

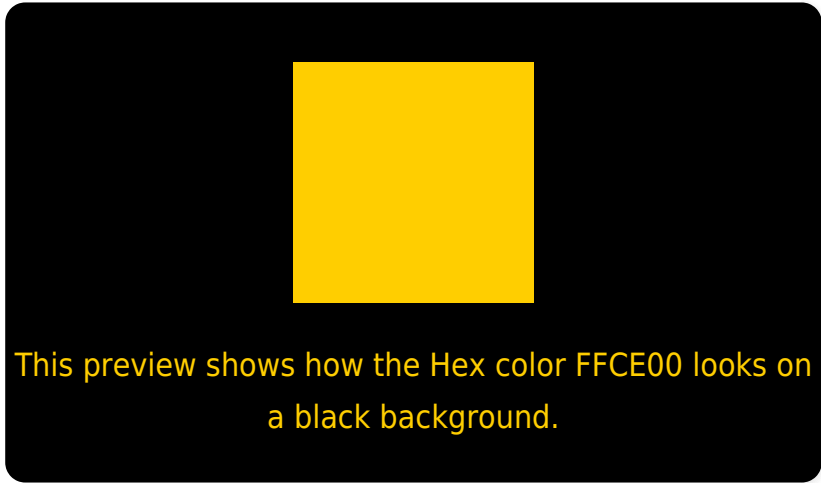
Large Text (above 18pt) WCAG AA × Fail

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 FFCE00 Background



This preview shows how black text looks on a background with the Hex color FFCE00.

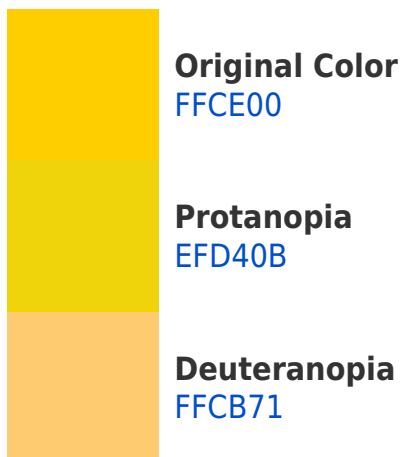


This preview shows how white text looks on a background with the Hex color FFCE00.

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](#).

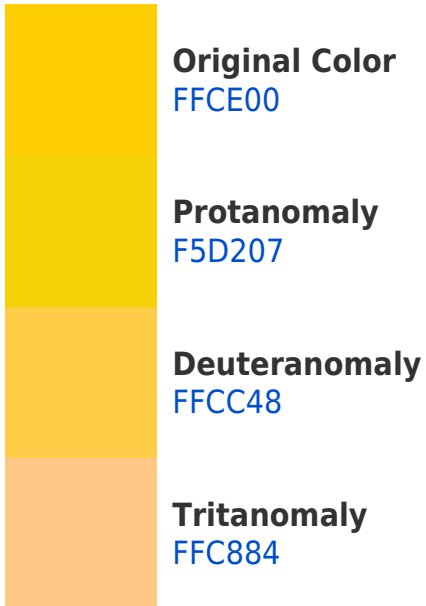
Dichromacy



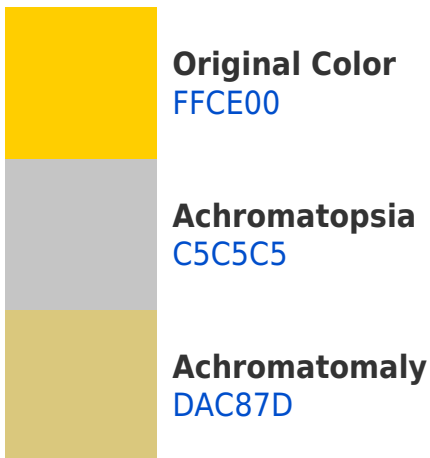


Tritanopia
FFC4CF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFCE00 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 #FFCE00 looks like.

```
.text, #text, p{  
    color:#FFCE00  
}
```

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 #FFCE00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFCE00
}
```

Border

The CSS property to change the border of an element to Hex FFCE00 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
#FFCE00 }
```

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

```
.border{ border-color:#FFCE00 }
```

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

Here you see how a box with a 4 pixel #FFCE00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFCE00; -webkit-box-shadow:4px 4px  
4px 4px #FFCE00; box-shadow:4px 4px 4px  
4px #FFCE00 }
```

Background

The CSS property to change the background color of an element to Hex FFCE00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFCE00 }
```

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

```
.background{ background-color:#FFCE00 }
```

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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