

Converting Colors

Hex(CCCC00)

Have a look what the booklet for
Hex(CCCC00) contains.

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Color

Hex(CCCC00)

Conversions

Conversions Part 1

Format	Color
Hex	C4CC00
RGB	204, 204, 0
RGB Percent	80%, 80%, 0%
CMY	0.2000, 0.2000, 1.0000
CMYK	0.00, 0.00, 1.00, 0.20
HSL	60°, 100%, 40%
HSV	60°, 100%, 80%
XYZ	46.4947, 56.0231, 8.3630
YIQ	180.7440, 65.4840, -63.4440

Conversions

Conversions Part 2

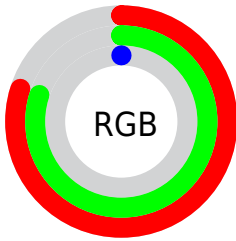
Format	Color
RYB	0, 204, 0
Decimal	13421568
CIELab	79.63, -18.22, 79.86
CIELCh	80, 81.911, 102.852
Yxy	56.0231, 0.4193, 0.5053
Android (android.graphics.Color)	4291611648 (0xFFCCCC00)
YUV	180.7440, -89.1068, 20.3955
Hunter-Lab	74.8486, -20.1038, 45.7694

Details

The Hex color **CCCC00** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **0000CC**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFFF55**, and **919600** is the 20% darker color. If you saturate the color by 10%, you get **CCCC00**, and if you desaturate by 10%, it is **CCCC14**.

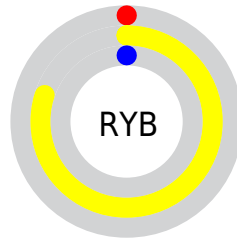
Distribution



Red (80%)

Green (80%)

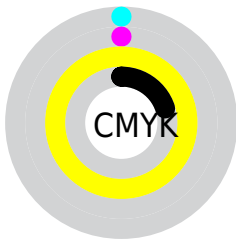
Blue (0%)



Red (0%)

Yellow (80%)

Blue (0%)

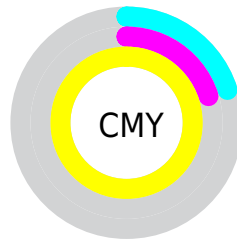


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCCC00 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 CCCC00 by changing the saturation by 10% instead.

 CCCC00

 CCCC00

FFFFFF

 AEB100

 FFFF55

 919600

 FFFF72

 757C00

 FFFF8F

 586400

 FFFFAC

 3D4C00

 FFFFCA

 233500

 FFFF E7

 062000

 000000

 CCCC00

 CCCC14

 CCCC29

 CCCC3D

 CCCC52

 CCCC66

 CCCC7A

 CCCC8F

 CCCC A3

 CCCC B8

Harmonies

Analogous

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



FFB220



CCCC00



75DD4B

Triad

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



CCCC00



00E6FF



FF81F4

Complementary

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



CCCC00



0000CC

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.



F2A2FF



CCCC00



00DAFF

Square

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



CCCC00



00E9E5



5DC3FF



FF79A8

Rectangle

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



CCCC00



00E47C



5DC3FF



FF8BFF

Sweetspot

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



CCCC00



FFFFB3



CC0000



808052



000000



808080

Same Dimension

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



CCCC00



FFFF00



66CC00



66665C



A6A600



262600

Inverse Universe

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



0000CC



0000FF



6600CC



5C5C66



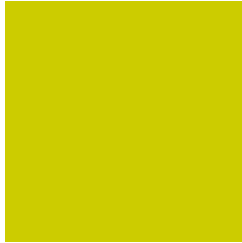
0000A6



000026

Previews

White Background



This preview shows how the Hex color CCCC00 looks on a white background.

Color Contrast Check

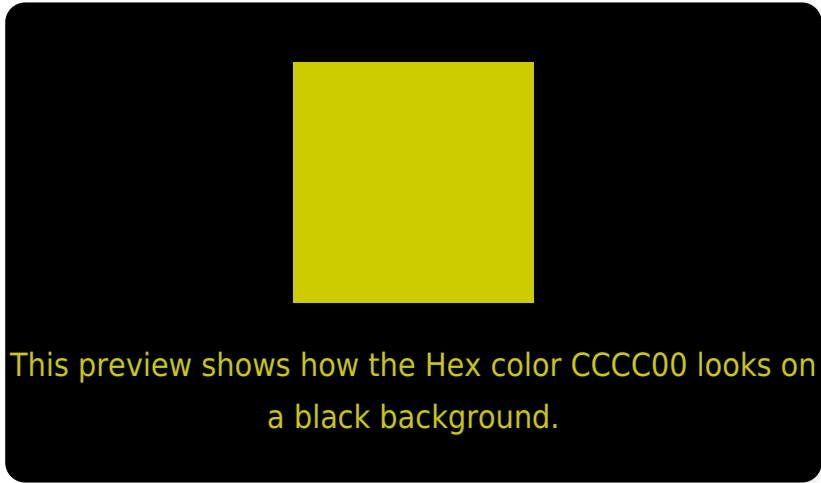
Large Text (above 18pt) WCAG AA × Fail

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 CCCC00 Background



This preview shows how black text looks on a background with the Hex color CCCC00.

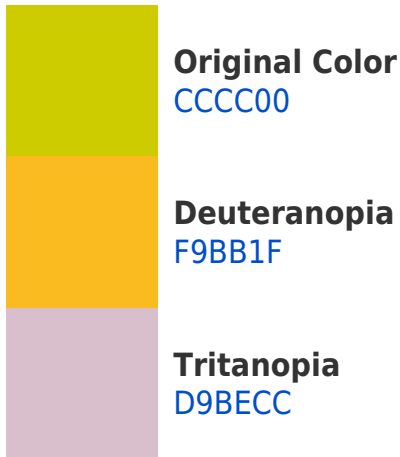


This preview shows how white text looks on a background with the Hex color CCCC00.

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



Original Color
C4C400

Deuteranomaly
E9C114

Tritanomaly
D4C382

Monochromacy



Original Color
C4C400

Achromatopsia
B5B5B5

Achromatomaly
BDBD73

CSS Examples

Text

The CSS property to change the color of the text to Hex CCCC00 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 #CCCC00 looks like.

```
.text, #text, p{  
    color:#CCCC00  
}
```

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 #CCCC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCCC00
}
```

Border

The CSS property to change the border of an element to Hex CCCC00 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
#CCCC00 }
```

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

```
.border{ border-color:#CCCC00 }
```

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

Here you see how a box with a 4 pixel #CCCC00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCCC00; -webkit-box-shadow:4px 4px  
4px 4px #CCCC00; box-shadow:4px 4px 4px  
4px #CCCC00 }
```

Background

The CSS property to change the background color of an element to Hex CCCC00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCCC00 }
```

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

```
.background{ background-color:#CCCC00 }
```

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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