

Converting Colors

Hex(2CCC00)

Have a look what the booklet for
Hex(2CCC00) contains.

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Color

Hex(2CCC00)

Conversions

Conversions Part 1

Format	Color
Hex	2CCC00
RGB	44, 204, 0
RGB Percent	17%, 80%, 0%
CMY	0.8275, 0.2000, 1.0000
CMYK	0.78, 0.00, 1.00, 0.20
HSL	107°, 100%, 40%
HSV	107°, 100%, 80%
XYZ	22.6316, 43.7212, 7.2462
YIQ	132.9040, -29.8760, -97.3640

Conversions

Conversions Part 2

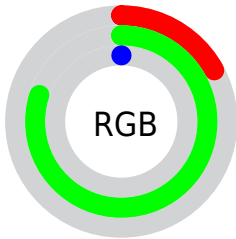
Format	Color
RYB	0, 204, 160
Decimal	2935808
CIELab	72.04, -69.59, 70.75
CIELCh	72, 99.233, 134.526
Yxy	43.7212, 0.3075, 0.5940
Android (android.graphics.Color)	4281125888 (0xFF2CCC00)
YUV	132.9040, -65.5217, -77.9688
Hunter-Lab	66.1220, -54.6183, 39.7879

Details

The Hex color **2CCC00** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **A000CC**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **77FF52**, and **009400** is the 20% darker color. If you saturate the color by 10%, you get **2CCC00**, and if you desaturate by 10%, it is **3CCC14**.

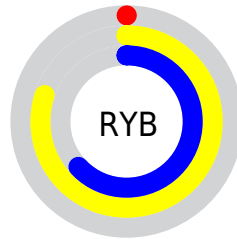
Distribution



Red (17%)

Green (80%)

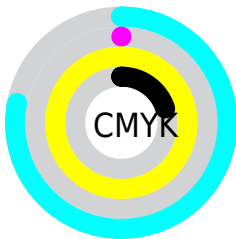
Blue (0%)



Red (0%)

Yellow (80%)

Blue (63%)

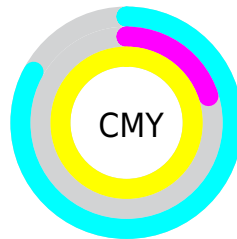


Cyan (78%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (83%)

Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CCC00 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 2CCC00 by changing the saturation by 10% instead.

 2CCC00

 2CCC00

FFFFFF

 00B000

 77FF52

 009400

 97FF6F

 007900

 B6FF8B

 005F00

 D5FFA8

 004500

 F4FFC5

 002D00

 FFFFE2

 000E00

 000000

 2CCC00

 3CCC14

 4CCC29

 5CCC3D

 6CCC52

 7CCC66

 8CCC7A

 9CCC8F

 ACCCA3

 BCCCB8

Harmonies

Analogous

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



ACBA00



2CCC00



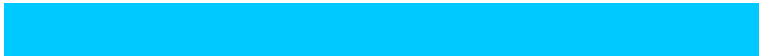
00D57D

Triad

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



2CCC00



00C9FF



FF3889

Complementary

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



2CCC00



A000CC

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.



FF46E3



2CCC00



00ADFF

Square

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



2CCC00



00D5FF



E980FF



FF6C30

Rectangle

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



2CCC00



00D7BC



E980FF



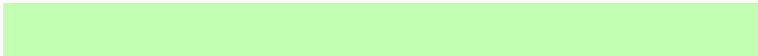
FF31A7

Sweetspot

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



2CCC00



C3FFB3



CCA000



5C8052



000000



808080

Same Dimension

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



2CCC00



37FF00



00CC3A



5E665C



24A600



082600

Inverse Universe

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



A000CC



C800FF



CC0092



645C66



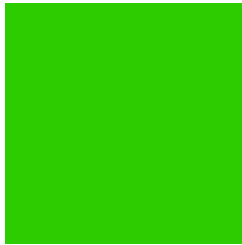
8200A6



1E0026

Previews

White Background



This preview shows how the Hex color 2CCC00 looks on a white background.

Color Contrast Check

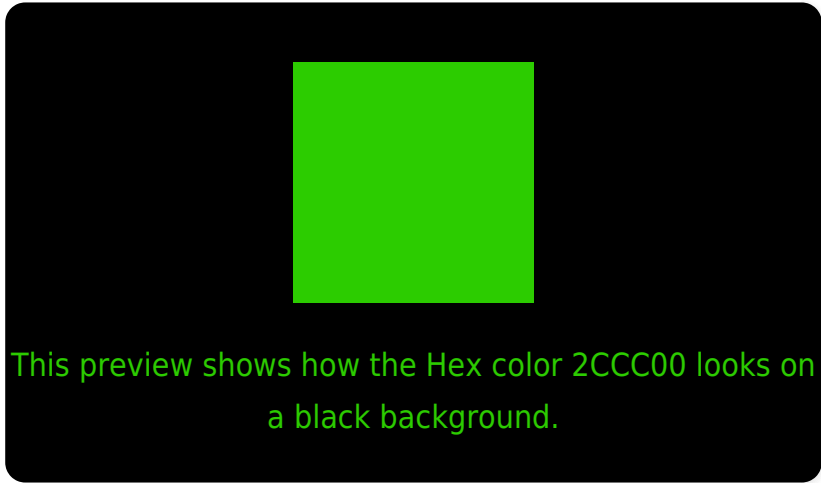
Large Text (above 18pt) WCAG AA × Fail

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 2CCC00 Background



This preview shows how black text looks on a background with the Hex color 2CCC00.

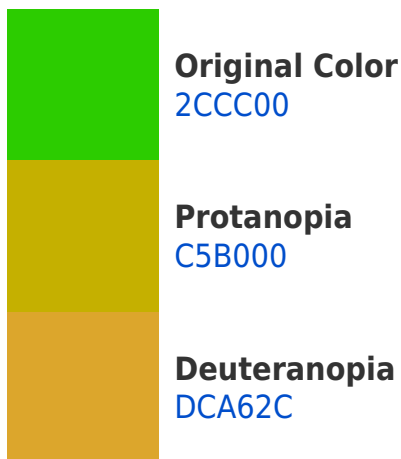


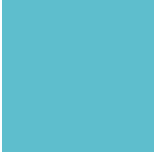
This preview shows how white text looks on a background with the Hex color 2CCC00.

Color Blindness Simulation

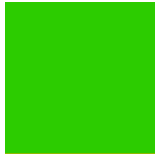
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
2CCC00



Protanomaly
8DBA00



Deuteranomaly
9CB41C



Tritanomaly
4CC382

Monochromacy



Original Color
2CCC00



Achromatopsia
858585



Achromatomaly
659F55

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CCC00 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 #2CCC00 looks like.

```
.text, #text, p{  
    color:#2CCC00  
}
```

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 #2CCC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CCC00
}
```

Border

The CSS property to change the border of an element to Hex 2CCC00 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
#2CCC00 }
```

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

```
.border{ border-color:#2CCC00 }
```

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

Here you see how a box with a 4 pixel #2CCC00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CCC00; -webkit-box-shadow:4px 4px  
4px 4px #2CCC00; box-shadow:4px 4px 4px  
4px #2CCC00 }
```

Background

The CSS property to change the background color of an element to Hex 2CCC00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CCC00 }
```

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

```
.background{ background-color:#2CCC00 }
```

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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