

Converting Colors

Hex(6CCA00)

Have a look what the booklet for
Hex(6CCA00) contains.

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Color

Hex(6CCA00)

Conversions

Conversions Part 1

Format	Color
Hex	6CCA00
RGB	108, 202, 0
RGB Percent	42%, 79%, 0%
CMY	0.5765, 0.2078, 1.0000
CMYK	0.47, 0.00, 1.00, 0.21
HSL	88°, 100%, 40%
HSV	88°, 100%, 79%
XYZ	27.3049, 45.4292, 7.3296
YIQ	150.8660, 8.8180, -82.7500

Conversions

Conversions Part 2

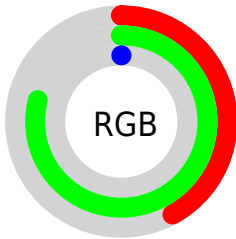
Format	Color
RYB	0, 202, 94
Decimal	7129600
CIELab	73.17, -54.45, 72.39
CIELCh	73, 90.583, 126.951
Yxy	45.4292, 0.3410, 0.5674
Android (android.graphics.Color)	4285319680 (0xFF6CCA00)
YUV	150.8660, -74.3769, -37.5935
Hunter-Lab	67.4012, -45.6400, 40.7333

Details

The Hex color **6CCA00** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **5E00CA**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **A7FF52**, and **2B9300** is the 20% darker color. If you saturate the color by 10%, you get **6CCA00**, and if you desaturate by 10%, it is **75CA14**.

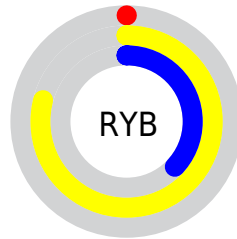
Distribution



Red (42%)

Green (79%)

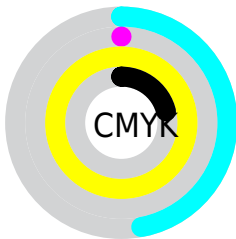
Blue (0%)



Red (0%)

Yellow (79%)

Blue (37%)

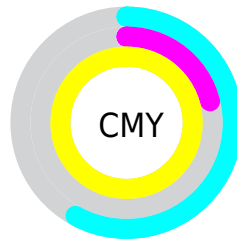


Cyan (47%)

Magenta (0%)

Yellow (100%)

Black (21%)



Cyan (58%)

Magenta (21%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CCA00 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 6CCA00 by changing the saturation by 10% instead.

 6CCA00

 6CCA00

FFFFFF

 4DAE00

 A7FF52

 2B9300

 C5FF6F

 007900

 E3FF8C

 005F00

 FFFFA8

 004600

 FFFFC5

 003000

 FFFF E3

 001300

 000000

 6CCA00

 75CA14

 7FCA28

 88CA3D

 92CA51

 9BCA65

 A4CA79

 AECA8D

 B7CAA2

 C1CAB6

Harmonies

Analogous

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



C6B600



6CCA00



00D46E

Triad

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



6CCA00



00CEFF



FF51A4

Complementary

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



6CCA00



5E00CA

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.



FF67F6



6CCA00



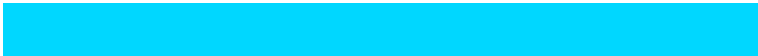
00B8FF

Square

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



6CCA00



00D7FF



CB94FF



FF6E54

Rectangle

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



6CCA00



00D8A8



CB94FF



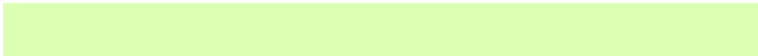
FF53C0

Sweetspot

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



6CCA00



DBFFB3



CA5B00



6A8052



000000



808080

Same Dimension

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



6CCA00



88FF00



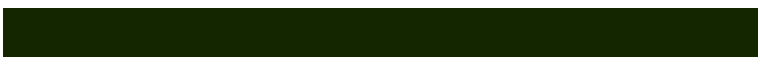
0ACA00



61665C



59A600



142600

Inverse Universe

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



5E00CA



7700FF



C000CA



615C66



4D00A6



120026

Previews

White Background



This preview shows how the Hex color 6CCA00 looks on a white background.

Color Contrast Check

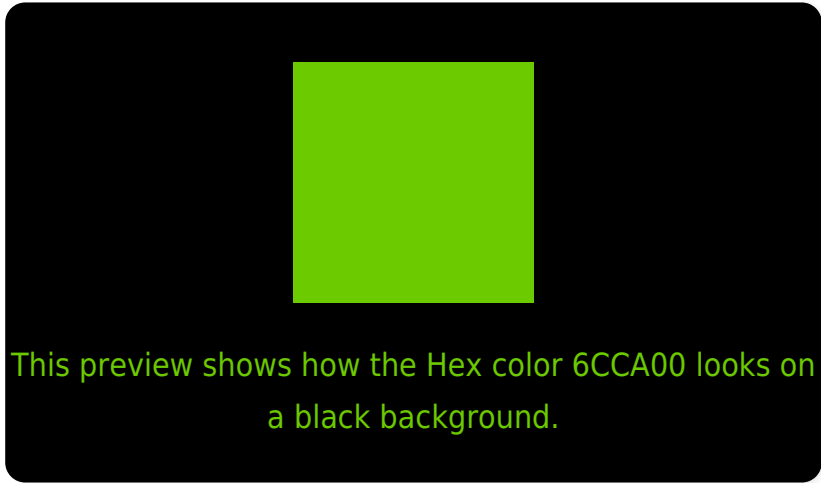
Large Text (above 18pt) WCAG AA × Fail

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 6CCA00 Background



This preview shows how black text looks on a background with the Hex color 6CCA00.

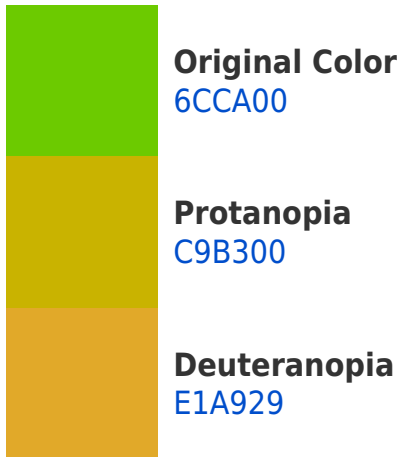


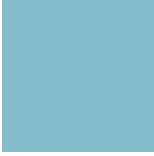
This preview shows how white text looks on a background with the Hex color 6CCA00.

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
85BCCB

Trichromacy



Original Color
6CCA00



Protanomaly
A7BB00



Deuteranomaly
B6B51A



Tritanomaly
7CC181

Monochromacy



Original Color
6CCA00



Achromatopsia
979797



Achromatomaly
87AA60

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CCA00 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 #6CCA00 looks like.

```
.text, #text, p{  
    color:#6CCA00  
}
```

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 #6CCA00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CCA00
}
```

Border

The CSS property to change the border of an element to Hex 6CCA00 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
#6CCA00 }
```

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

```
.border{ border-color:#6CCA00 }
```

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

Here you see how a box with a 4 pixel #6CCA00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CCA00; -webkit-box-shadow:4px 4px  
4px 4px #6CCA00; box-shadow:4px 4px 4px  
4px #6CCA00 }
```

Background

The CSS property to change the background color of an element to Hex 6CCA00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CCA00 }
```

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

```
.background{ background-color:#6CCA00 }
```

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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