

Converting Colors

Hex(6CBF00)

Have a look what the booklet for
Hex(6CBF00) contains.

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Color

Hex(6CBF00)

Conversions

Conversions Part 1

Format	Color
Hex	6CBF00
RGB	108, 191, 0
RGB Percent	42%, 75%, 0%
CMY	0.5765, 0.2510, 1.0000
CMYK	0.43, 0.00, 1.00, 0.25
HSL	86°, 100%, 37%
HSV	86°, 100%, 75%
XYZ	24.8151, 40.4497, 6.4997
YIQ	144.4090, 11.8430, -76.9970

Conversions

Conversions Part 2

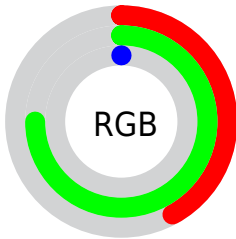
Format	Color
RYB	0, 191, 83
Decimal	7126784
CIELab	69.79, -50.21, 69.75
CIELCh	70, 85.941, 125.750
Yxy	40.4497, 0.3458, 0.5636
Android (android.graphics.Color)	4285316864 (0xFF6CBF00)
YUV	144.4090, -71.1936, -31.9307
Hunter-Lab	63.6001, -41.6541, 38.4609

Details

The Hex color **6CBF00** is a dark color, and the websafe version is hex **66CC00**. A complement of this color would be **5300BF**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A6F850**, and **2E8900** is the 20% darker color. If you saturate the color by 10%, you get **6CBF00**, and if you desaturate by 10%, it is **74BF13**.

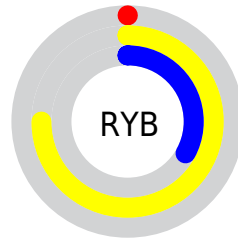
Distribution



Red (42%)

Green (75%)

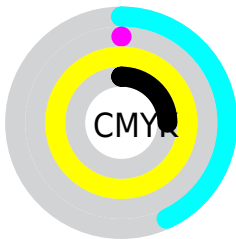
Blue (0%)



Red (0%)

Yellow (75%)

Blue (33%)

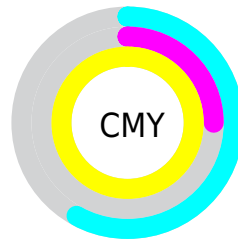


Cyan (43%)

Magenta (0%)

Yellow (100%)

Black (25%)



Cyan (58%)

Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CBF00 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 6CBF00 by changing the saturation by 10% instead.

 6CBF00

 6CBF00

FFFFFF

 4EA400


 A6F850

 2E8900

 C4FF6C

 006F00

 E2FF89

 005500

 FFFFA5

 003D00

 FFFFC2

 002700

 FFFFDF

 000000

 FFFFFD

 6CBF00

 74BF13

 7DBF26

 85BF39

 8DBF4C

 96BF60

 9EBF73

 A6BF86

 AEBF99

 B7BFAC

Harmonies

Analogous

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



BFAC00



6CBF00



00C966

Triad

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



6CBF00



00C3FF



FF4F9F

Complementary

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



6CBF00



5300BF

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.



FF65EC



6CBF00



00B0FF

Square

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



6CBF00



00CCFF



BC8EFF



FF6854

Rectangle

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



6CBF00



00CC9D



BC8EFF



FF51B9

Sweetspot

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



6CBF00



D7F7AD



BF5300



697D50



FCFCFC



7D7D7D

Same Dimension

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



6CBF00



8CF700



0DBF00



5A5E55



599E00



111F00

Inverse Universe

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



5300BF



6B00F7



B200BF



59555E



45009E



0D001F

Previews

White Background



This preview shows how the Hex color 6CBF00 looks on a white background.

Color Contrast Check

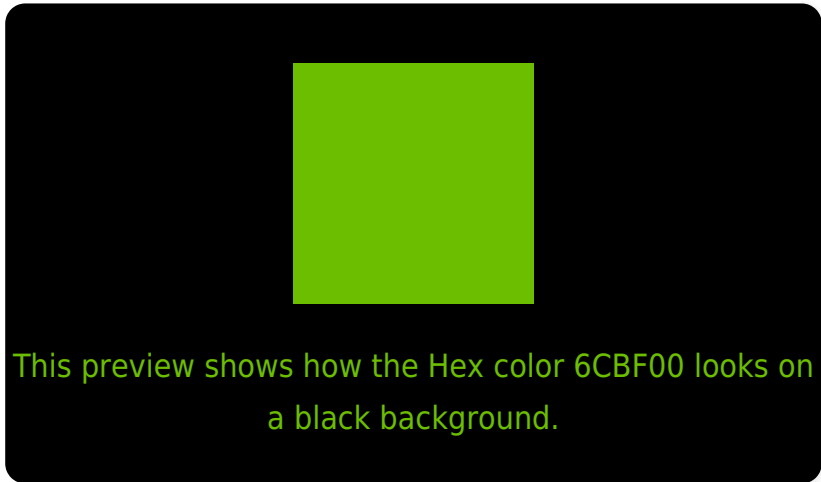
Large Text (above 18pt) WCAG AA × Fail

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 6CBF00 Background



This preview shows how black text looks on a background with the Hex color 6CBF00.

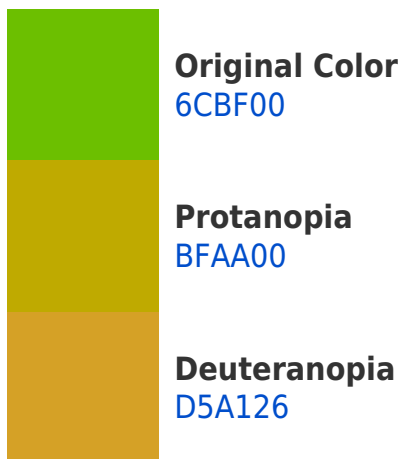


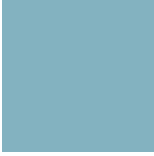
This preview shows how white text looks on a background with the Hex color 6CBF00.

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](#).

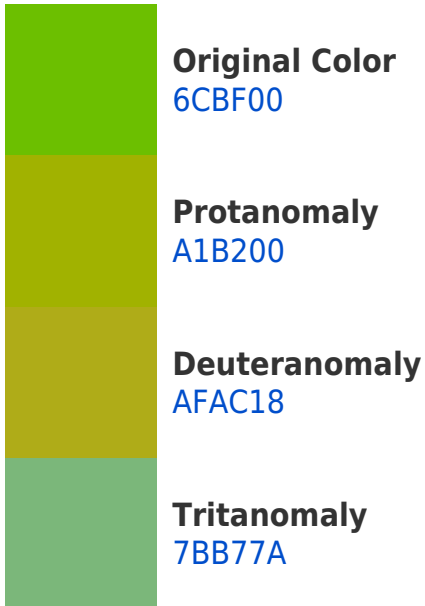
Dichromacy



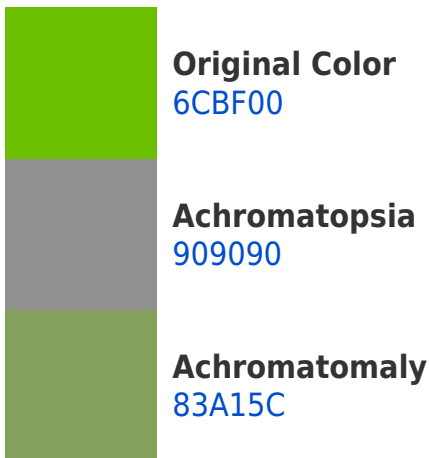


Tritanopia
83B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6CBF00 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 #6CBF00 looks like.

```
.text, #text, p{  
    color:#6CBF00  
}
```

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 #6CBF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CBF00
}
```

Border

The CSS property to change the border of an element to Hex 6CBF00 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
#6CBF00 }
```

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

```
.border{ border-color:#6CBF00 }
```

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

Here you see how a box with a 4 pixel #6CBF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CBF00; -webkit-box-shadow:4px 4px  
4px 4px #6CBF00; box-shadow:4px 4px 4px  
4px #6CBF00 }
```

Background

The CSS property to change the background color of an element to Hex 6CBF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CBF00 }
```

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

```
.background{ background-color:#6CBF00 }
```

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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