

# Converting Colors

Hex(6CCF3B)

Have a look what the booklet for  
Hex(6CCF3B) contains.

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**Color**

**Hex(6CCF3B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CCF3B
RGB	108, 207, 59
RGB Percent	42%, 81%, 23%
CMY	0.5765, 0.1882, 0.7686
CMYK	0.48, 0.00, 0.71, 0.19
HSL	100°, 61%, 52%
HSV	100°, 71%, 81%
XYZ	29.2866, 48.1296, 11.8840
YIQ	160.5270, -11.4960, -67.0160

# Conversions

## Conversions Part 2

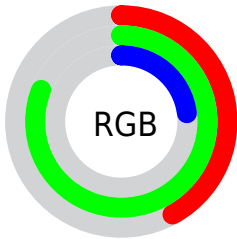
Format	Color
<a href="#">RYB</a>	<a href="#">59, 207, 158</a>
Decimal	<a href="#">7130939</a>
CIELab	<a href="#">74.91, -54.13, 61.16</a>
CIELCh	<a href="#">75, 81.668, 131.511</a>
Yxy	<a href="#">48.1296, 0.3280, 0.5390</a>
Android (android.graphics.Color)	<a href="#">4285321019 (0xFF6CCF3B)</a>
YUV	<a href="#">160.5270, -50.0528, -46.0662</a>
Hunter-Lab	<a href="#">69.3755, -46.0540, 38.4064</a>

# Details

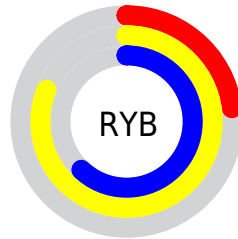
The Hex color **6CCF3B** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **9E3BCF**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **A7FF73**, and **2C9800** is the 20% darker color. If you saturate the color by 10%, you get **5ECF26**, and if you desaturate by 10%, it is **7ACF50**.

# Distribution



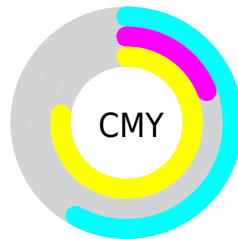
- Red (42%)
- Green (81%)
- Blue (23%)



- Red (23%)
- Yellow (81%)
- Blue (62%)



- Cyan (48%)
- Magenta (0%)
- Yellow (71%)
- Black (19%)



- Cyan (58%)
- Magenta (19%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CCF3B 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 6CCF3B by changing the saturation by 10% instead.



 6CCF3B

 6CCF3B

FFFFFF

 4EB31B

 A7FF73

 2C9800

 C4FF8E

 007D00

 E2FFAA

 006300

 FFFFC7

 004A00

 FFFFE4

 003300

 001A00

 000000

 6CCF3B

 6CCF3B

 5ECF26

 7ACF50

 50CF12

 88CF64

 45CF00

 96CF79

 A3CF8E

 B1CFA3

 BFCFB7

 CDCFCC

 DBCFE1

 E9CFF5

# Harmonies

## Analogous

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



C1BE00



6CCF3B



00D886

# Triad

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



6CCF3B



00CEFF



FF6A9F

# Complementary

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



6CCF3B



9E3BCF

# 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.



FF74EA



6CCF3B



34B8FF

# Square

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



6CCF3B



00D8FF



E097FF



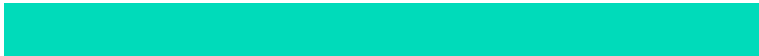
FF8258

# Rectangle

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



6CCF3B



00DBBA



E097FF



FF69B8

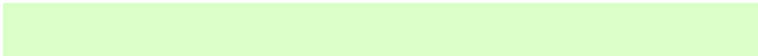


# Sweetspot

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



6CCF3B



DBFFC9



CF9E3B



6A8060



000000



808080



# Same Dimension

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



6CCF3B



6CFF24



3BCF54



62695E



38A800



0E2900



# Inverse Universe

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



9E3BCF



B624FF



CF3BB6



655E69



7100A8



1B0029



# Previews

## White Background



This preview shows how the Hex color 6CCF3B looks on a white background.

## Color Contrast Check

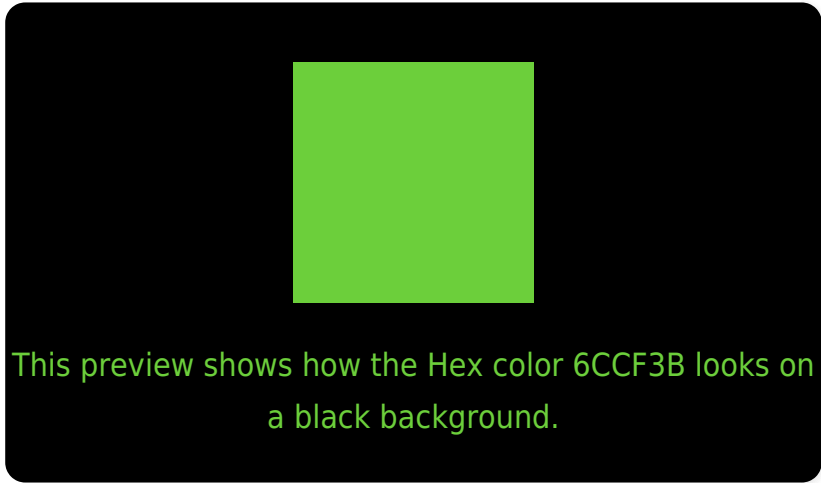
Large Text (above 18pt) WCAG AA × Fail

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

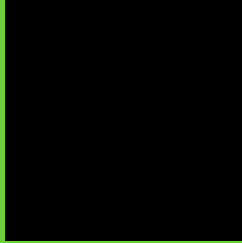
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6CCF3B Background



This preview shows how black text looks on a background with the Hex color 6CCF3B.

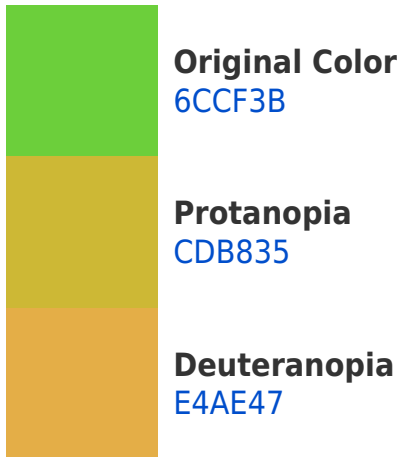


This preview shows how white text looks on a background with the Hex color 6CCF3B.

# 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](#).

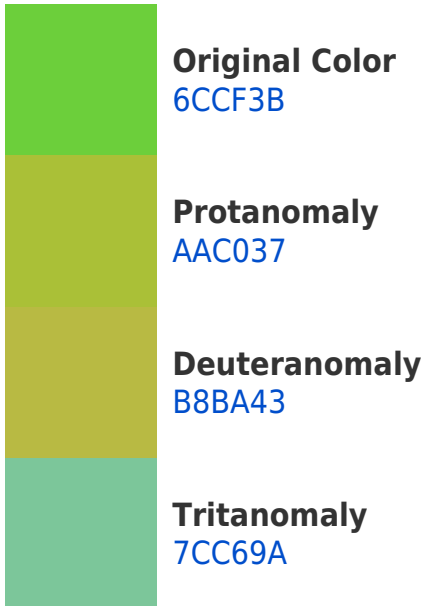
## Dichromacy



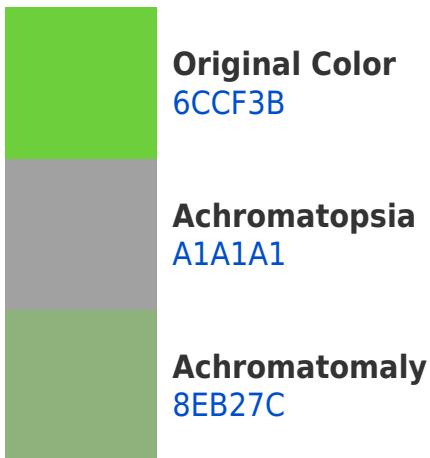


**Tritanopia**  
85C1D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CCF3B 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 #6CCF3B looks like.

```
.text, #text, p{  
    color:#6CCF3B  
}
```

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 #6CCF3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CCF3B
}
```

## Border

The CSS property to change the border of an element to Hex 6CCF3B 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
#6CCF3B }
```

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

```
.border{ border-color:#6CCF3B }
```

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

Here you see how a box with a 4 pixel #6CCF3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CCF3B; -webkit-box-shadow:4px 4px  
4px 4px #6CCF3B; box-shadow:4px 4px 4px  
4px #6CCF3B }
```

# Background

The CSS property to change the background color of an element to Hex 6CCF3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CCF3B }
```

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

```
.background{ background-color:#6CCF3B }
```

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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