

# Converting Colors

Hex(6FC80B)

Have a look what the booklet for  
Hex(6FC80B) contains.

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**Color**

**Hex(6FC80B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FC80B
RGB	111, 200, 11
RGB Percent	44%, 78%, 4%
CMY	0.5647, 0.2157, 0.9569
CMYK	0.45, 0.00, 0.95, 0.22
HSL	88°, 90%, 41%
HSV	88°, 94%, 78%
XYZ	27.2702, 44.7122, 7.5096
YIQ	151.8430, 7.6250, -77.6470

# Conversions

## Conversions Part 2

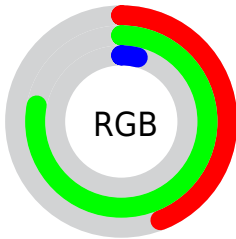
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 200, 100
Decimal	7325707
CIELab	72.70, -52.56, 70.92
CIELCh	73, 88.269, 126.544
Yxy	44.7122, 0.3431, 0.5625
Android (android.graphics.Color)	4285515787 (0xFF6FC80B)
YUV	151.8430, -69.4356, -35.8193
Hunter-Lab	66.8672, -44.2205, 40.1484

# Details

The Hex color **6FC80B** 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 **640BC8**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **AAFF55**, and **309100** is the 20% darker color. If you saturate the color by 10%, you get **6AC800**, and if you desaturate by 10%, it is **78C81F**.

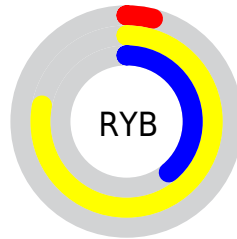
# Distribution



Red (44%)

Green (78%)

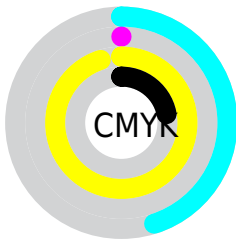
Blue (4%)



Red (4%)

Yellow (78%)

Blue (39%)

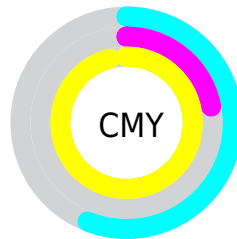


Cyan (45%)

Magenta (0%)

Yellow (95%)

Black (22%)



Cyan (56%)

Magenta (22%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FC80B 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 6FC80B by changing the saturation by 10% instead.





6FC80B



6FC80B

FFFFFF



51AC00



AAFF55



309100



C8FF71



007700



E6FF8E



005D00



FFFFAB



004500



FFFFC7



002F00



FFFFE5



001100



000000



6FC80B



6FC80B

 6AC800

 78C81F

 82C833

 8BC847

 95C85B

 9EC86F

 A8C883

 B1C897

 BAC8AB

 C4C8BF

# Harmonies

## Analogous

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



C6B500



6FC80B



00D26E

# Triad

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



6FC80B



00CCFF



FF55A4

# Complementary

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



6FC80B



640BC8

# 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.



FF6AF4



6FC80B



00B7FF

# Square

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



6FC80B



00D5FF



C894FF



FF6F56

# Rectangle

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



6FC80B



00D6A6



C894FF



FF56BF

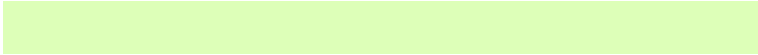


# Sweetspot

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



6FC80B



DFFB8



C8630B



6B8054



000000



808080



# Same Dimension

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



6FC80B



87FF00



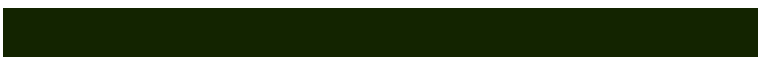
11C80B



5F635A



56A300



132400



# Inverse Universe

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



640BC8



7800FF



C20BC8



5E5A63



4D00A3



110024



# Previews

## White Background



This preview shows how the Hex color 6FC80B looks on a white background.

## Color Contrast Check

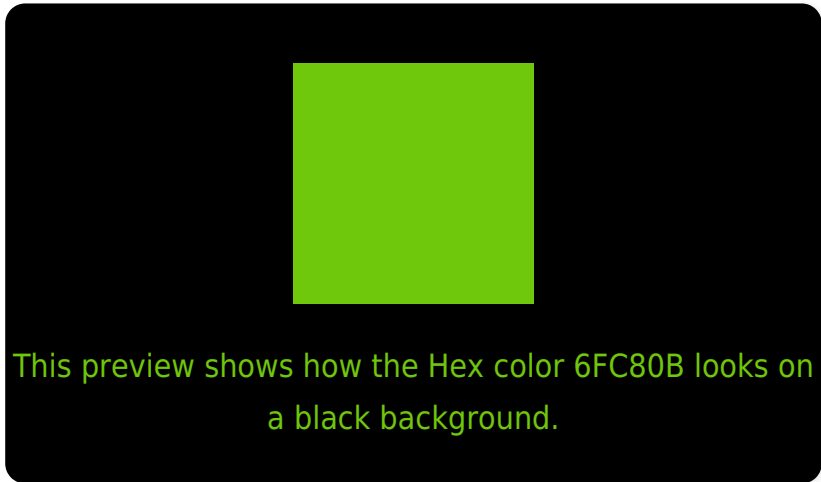
Large Text (above 18pt) WCAG AA × Fail

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 6FC80B Background



This preview shows how black text looks on a background with the Hex color 6FC80B.

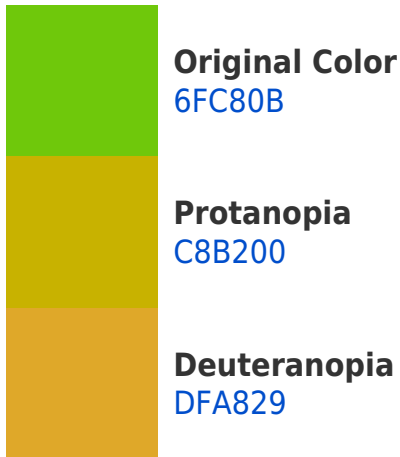


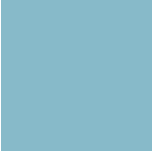
This preview shows how white text looks on a background with the Hex color 6FC80B.

# 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**  
87BAC9

# Trichromacy



**Original Color**  
6FC80B



**Protanomaly**  
A8BA04



**Deuteranomaly**  
B6B41E



**Tritanomaly**  
7EBF84

# Monochromacy



**Original Color**  
6FC80B



**Achromatopsia**  
989898



**Achromatomaly**  
89A965

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FC80B 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 #6FC80B looks like.

```
.text, #text, p{  
    color:#6FC80B  
}
```

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 #6FC80B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FC80B
}
```

## Border

The CSS property to change the border of an element to Hex 6FC80B 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
#6FC80B }
```

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

```
.border{ border-color:#6FC80B }
```

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

Here you see how a box with a 4 pixel #6FC80B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FC80B; -webkit-box-shadow:4px 4px  
4px 4px #6FC80B; box-shadow:4px 4px 4px  
4px #6FC80B }
```

# Background

The CSS property to change the background color of an element to Hex 6FC80B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FC80B }
```

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

```
.background{ background-color:#6FC80B }
```

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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