

# Converting Colors

Hex(6FCD6F)

Have a look what the booklet for  
Hex(6FCD6F) contains.

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# **Color**

**Hex(6FCD6F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FCD6F
RGB	111, 205, 111
RGB Percent	44%, 80%, 44%
CMY	0.5647, 0.1961, 0.5647
CMYK	0.46, 0.00, 0.46, 0.20
HSL	120°, 48%, 62%
HSV	120°, 46%, 80%
XYZ	31.2561, 48.1898, 22.6931
YIQ	166.1780, -25.8500, -49.1620

# Conversions

## Conversions Part 2

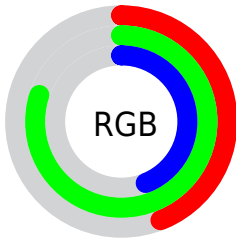
Format	Color
<a href="#">RYB</a>	<a href="#">111, 205, 205</a>
Decimal	<a href="#">7327087</a>
CIELab	<a href="#">74.94, -46.88, 38.22</a>
CIELCh	<a href="#">75, 60.489, 140.811</a>
Yxy	<a href="#">48.1898, 0.3060, 0.4718</a>
Android (android.graphics.Color)	<a href="#">4285517167 (0xFF6FCD6F)</a>
YUV	<a href="#">166.1780, -27.2028, -48.3911</a>
Hunter-Lab	<a href="#">69.4189, -41.1128, 29.2113</a>

# Details

The Hex color **6FCD6F** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **CD6FCD**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A8FFA4**, and **35963D** is the 20% darker color. If you saturate the color by 10%, you get **5ACD5A**, and if you desaturate by 10%, it is **84CD84**.

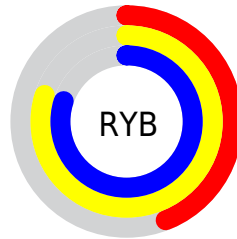
# Distribution



Red (44%)

Green (80%)

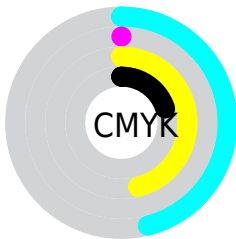
Blue (44%)



Red (44%)

Yellow (80%)

Blue (80%)

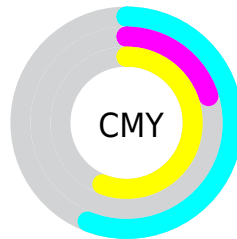


Cyan (46%)

Magenta (0%)

Yellow (46%)

Black (20%)



Cyan (56%)

Magenta (20%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FCD6F 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 6FCD6F by changing the saturation by 10% instead.





6FCD6F



6FCD6F

FFFFFF



53B156



A8FFA4



35963D



C4FFC0



0E7B24



E2FFDC



006208



FFFFF9



004900



003200



001A00



000000



6FCD6F



6FCD6F

 5ACD5A

 84CD84

 46CD46

 98CD98

 32CD32

 ADCDAD

 1DCD1D

 C1CDC1

 08CD08

 D6CDD6

 00CD00

 EACDEA

 FFCDFF

# Harmonies

## Analogous

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



B2C14A



6FCD6F



00D3A5

# Triad

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



6FCD6F



00C4FF



FF8A94

# Complementary

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



6FCD6F



CD6FCD

# 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.



FF89CC



6FCD6F



9EB1FF

# Square

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



6FCD6F



00CFFF



EC9AFF



FF9A64

# Rectangle

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



6FCD6F



00D4CC



EC9AFF



FF87A6

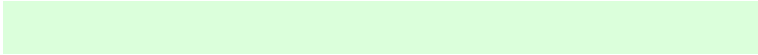


# Sweetspot

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



6FCD6F



DBFFDB



CDCD6F



6A806A



000000



808080



# Same Dimension

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



6FCD6F



73FF73



6FCD9E



5C665C



00A600



002600



# Inverse Universe

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



CD6FCD



FF73FF



CD6F9E



665C66



A600A6



260026



# Previews

## White Background



This preview shows how the Hex color 6FCD6F looks on a white background.

## Color Contrast Check

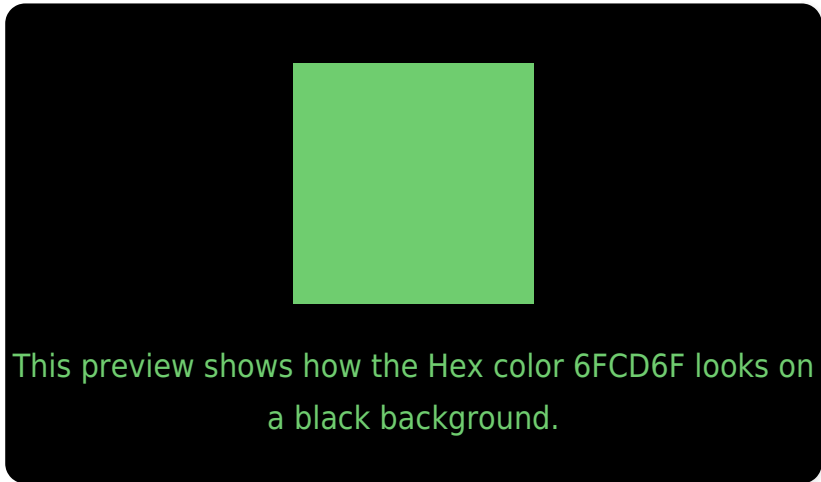
Large Text (above 18pt) WCAG AA × Fail

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

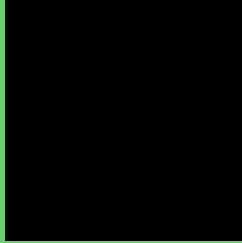
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6FCD6F Background



This preview shows how black text looks on a background with the Hex color 6FCD6F.

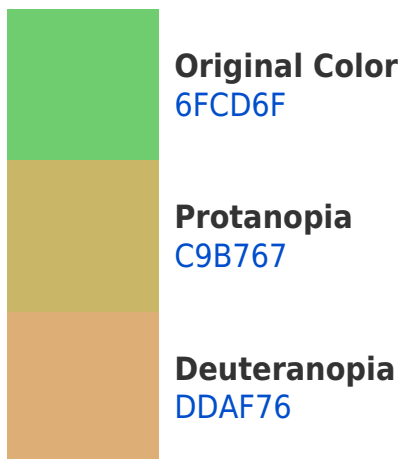


This preview shows how white text looks on a background with the Hex color 6FCD6F.

# 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**  
83C2D1

# Trichromacy



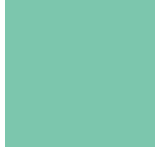
**Original Color**  
6FCD6F



**Protanomaly**  
A8BF6A



**Deuteranomaly**  
B5BA73



**Tritanomaly**  
7CC6AD

# Monochromacy



**Original Color**  
6FCD6F



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
92B492

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FCD6F 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 #6FCD6F looks like.

```
.text, #text, p{  
    color:#6FCD6F  
}
```

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 #6FCD6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FCD6F
}
```

## Border

The CSS property to change the border of an element to Hex 6FCD6F 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
#6FCD6F }
```

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

```
.border{ border-color:#6FCD6F }
```

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

Here you see how a box with a 4 pixel #6FCD6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FCD6F; -webkit-box-shadow:4px 4px  
4px 4px #6FCD6F; box-shadow:4px 4px 4px  
4px #6FCD6F }
```

# Background

The CSS property to change the background color of an element to Hex 6FCD6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FCD6F }
```

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

```
.background{ background-color:#6FCD6F }
```

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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