

# Converting Colors

Hex(6FC74D)

Have a look what the booklet for  
Hex(6FC74D) contains.

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**Color**

**Hex(6FC74D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FC74D
RGB	111, 199, 77
RGB Percent	44%, 78%, 30%
CMY	0.5647, 0.2196, 0.6980
CMYK	0.44, 0.00, 0.61, 0.22
HSL	103°, 52%, 54%
HSV	103°, 61%, 78%
XYZ	28.3185, 44.7622, 14.1686
YIQ	158.7800, -13.2860, -56.5980

# Conversions

## Conversions Part 2

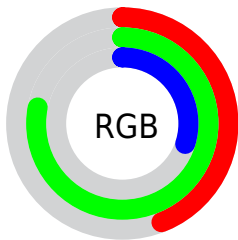
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 199, 165
Decimal	7325517
CIELab	72.74, -48.53, 51.64
CIELCh	73, 70.866, 133.220
Yxy	44.7622, 0.3246, 0.5130
Android (android.graphics.Color)	4285515597 (0xFF6FC74D)
YUV	158.7800, -40.3175, -41.9031
Hunter-Lab	66.9045, -41.5297, 34.2771

# Details

The Hex color **6FC74D** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **A54DC7**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **A8FF82**, and **349014** is the 20% darker color. If you saturate the color by 10%, you get **61C739**, and if you desaturate by 10%, it is **7DC761**.

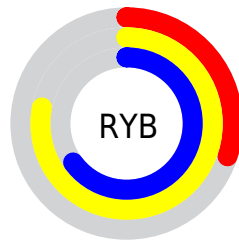
# Distribution



Red (44%)

Green (78%)

Blue (30%)



Red (30%)

Yellow (78%)

Blue (65%)

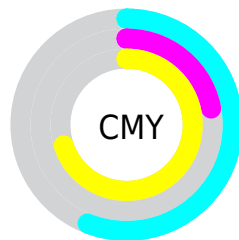


Cyan (44%)

Magenta (0%)

Yellow (61%)

Black (22%)



Cyan (56%)

Magenta (22%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FC74D 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 6FC74D by changing the saturation by 10% instead.





6FC74D



6FC74D

FFFFFF



52AB32



A8FF82



349014



C5FF9D



0B7600



E2FFB9



005C00



FFFFD6



004400



FFFFF3



002E00



001100



000000



6FC74D



6FC74D

 61C739

 7DC761

 52C725

 8CC775

 44C711

 9AC789

 37C700

 A8C79D

 B7C7B1

 C5C7C4

 D3C7D8

 E2C7EC

 F0C7FF

# Harmonies

## Analogous

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



B9B820



6FC74D



00CF8B

# Triad

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



6FC74D



00C4FF



FF7498

# Complementary

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



6FC74D



A54DC7

# 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.



FF7ADA



6FC74D



65B0FF

# Square

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



6FC74D



00CEFF



DA94FF



FF875C

# Rectangle

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



6FC74D



00D1B8



DA94FF



FF73AE

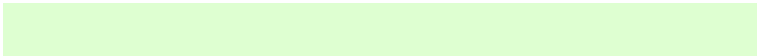


# Sweetspot

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



6FC74D



DEFFD1



C7A44D



6B8063



000000



808080



# Same Dimension

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



6FC74D



77FF42



4DC767



5C635A



2DA300



0A2400



# Inverse Universe

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



A54DC7



CA42FF



C74DAD



615A63



7600A3



1A0024



# Previews

## White Background



This preview shows how the Hex color 6FC74D 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 6FC74D Background



This preview shows how black text looks on a background with the Hex color 6FC74D.

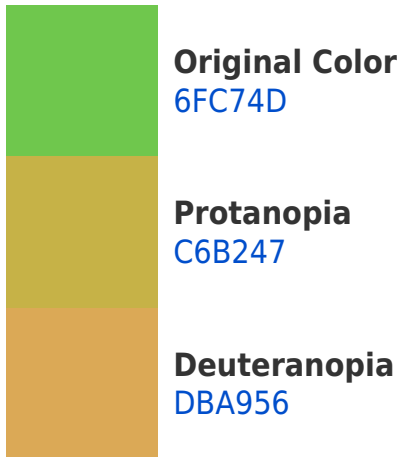


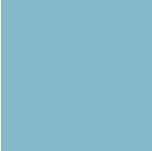
This preview shows how white text looks on a background with the Hex color 6FC74D.

# 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](#).

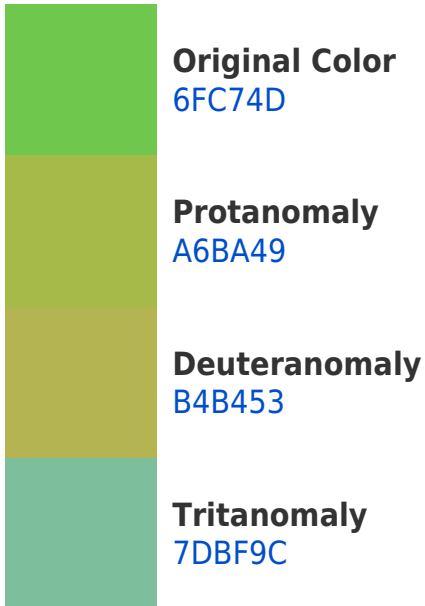
## Dichromacy



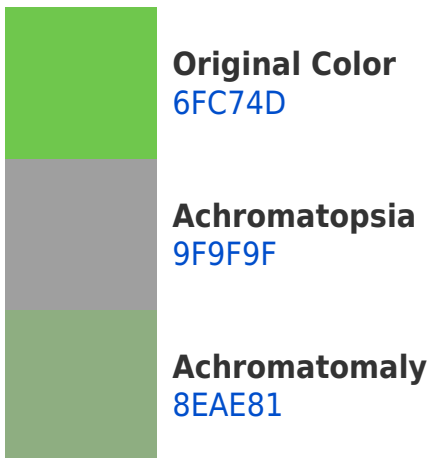


**Tritanopia**  
85BAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FC74D 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 #6FC74D looks like.

```
.text, #text, p{  
    color:#6FC74D  
}
```

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 #6FC74D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FC74D
}
```

## Border

The CSS property to change the border of an element to Hex 6FC74D 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
#6FC74D }
```

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

```
.border{ border-color:#6FC74D }
```

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

Here you see how a box with a 4 pixel #6FC74D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FC74D; -webkit-box-shadow:4px 4px  
4px 4px #6FC74D; box-shadow:4px 4px 4px  
4px #6FC74D }
```

# Background

The CSS property to change the background color of an element to Hex 6FC74D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FC74D }
```

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

```
.background{ background-color:#6FC74D }
```

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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