

# Converting Colors

Hex(6CBB54)

Have a look what the booklet for  
Hex(6CBB54) contains.

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**Color**

**Hex(6CBB54)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CBB54
RGB	108, 187, 84
RGB Percent	42%, 73%, 33%
CMY	0.5765, 0.2667, 0.6706
CMYK	0.42, 0.00, 0.55, 0.27
HSL	106°, 43%, 53%
HSV	106°, 55%, 73%
XYZ	25.5549, 39.3689, 14.6396
YIQ	151.6370, -14.0210, -48.7810

# Conversions

## Conversions Part 2

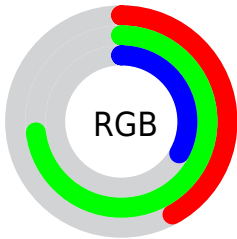
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 187, 163
Decimal	7125844
CIELab	69.02, -43.74, 44.12
CIELCh	69, 62.131, 134.753
Yxy	39.3689, 0.3212, 0.4948
Android (android.graphics.Color)	4285315924 (0xFF6CBB54)
YUV	151.6370, -33.3450, -38.2696
Hunter-Lab	62.7446, -37.1029, 30.0877

# Details

The Hex color **6CBB54** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **A354BB**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **A4F488**, and **348521** is the 20% darker color. If you saturate the color by 10%, you get **5EBB41**, and if you desaturate by 10%, it is **7ABB67**.

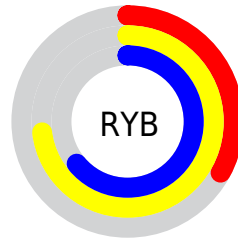
# Distribution



Red (42%)

Green (73%)

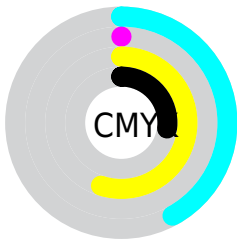
Blue (33%)



Red (33%)

Yellow (73%)

Blue (64%)

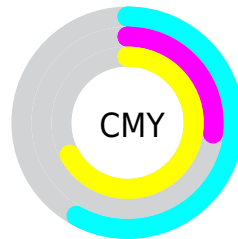


Cyan (42%)

Magenta (0%)

Yellow (55%)

Black (27%)



Cyan (58%)

Magenta (27%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CBB54 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 6CBB54 by changing the saturation by 10% instead.





6CBB54



6CBB54

FFFFFF



50A03B



A4F488



348521



C0FFA3



106B00



D0FFBF



005200



FBFFDB



003A00



FFFFFF8



002500



000000



6CBB54



6CBB54



5EBB41



7ABB67

 4FBB2F

 89BB79

 41BB1C

 97BB8C

 33BB09

 A5BB9F

 2CBB00

 B4BBB2

 C2BBC4

 D0BBD7

 DFBBEA

 EDBBFC

# Harmonies

## Analogous

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



ACA31



6CBB54



00C289

# Triad

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



6CBB54



00B7FF



FF758F

# Complementary

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



6CBB54



A354BB

# 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.



FF79C8



6CBB54



73A5FF

# Square

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



6CBB54



00C1F6



CF8EF9



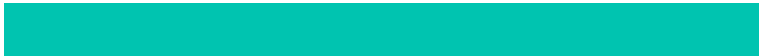
FF855B

# Rectangle

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



6CBB54



00C4B0



CF8EF9



FF74A2

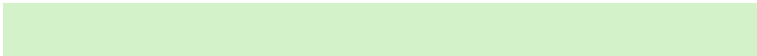


# Sweetspot

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



6CBB54



D3F2C9



BBA354



687A62



FAFAFA



7A7A7A



# Same Dimension

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



6CBB54



78F252



54BB6F



575E55



259E00



071F00



# Inverse Universe

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



A354BB



CD52F2



BB54A0



5C555E



79009E



17001F



# Previews

## White Background



This preview shows how the Hex color 6CBB54 looks on a white background.

## Color Contrast Check

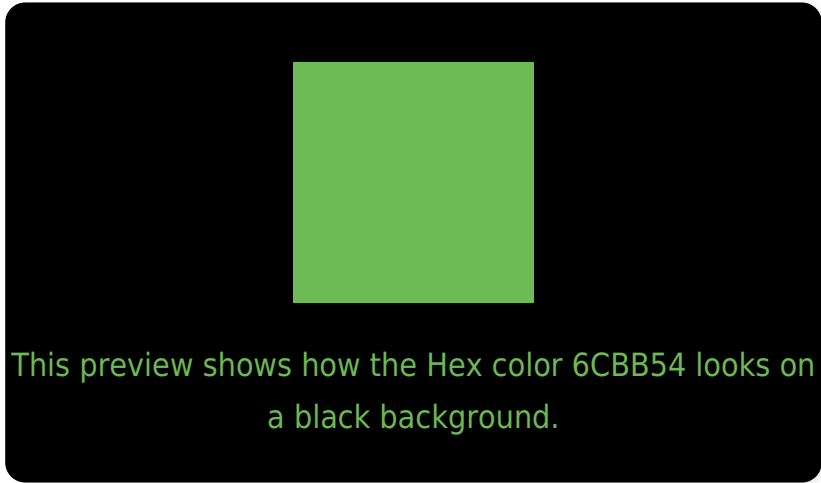
Large Text (above 18pt) WCAG AA × Fail

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 6CBB54 Background



This preview shows how black text looks on a background with the Hex color 6CBB54.

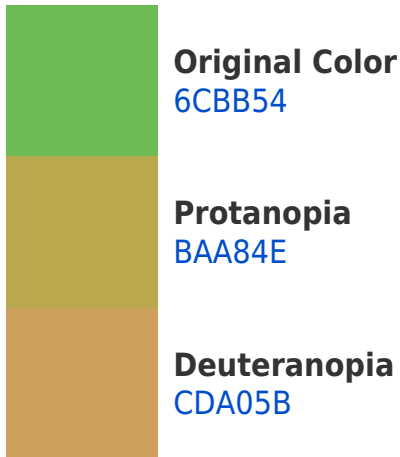


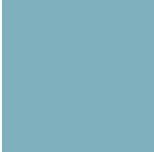
This preview shows how white text looks on a background with the Hex color 6CBB54.

# 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](#).

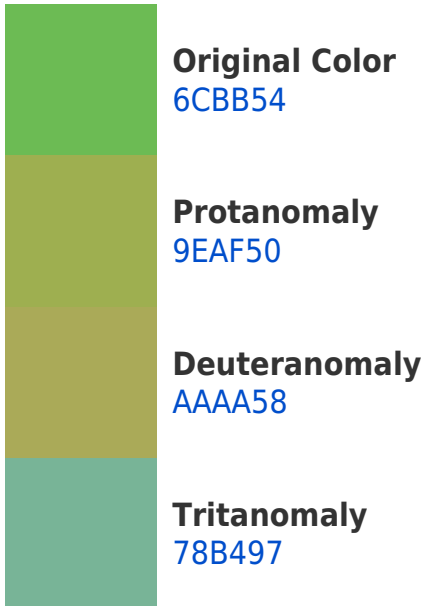
## Dichromacy



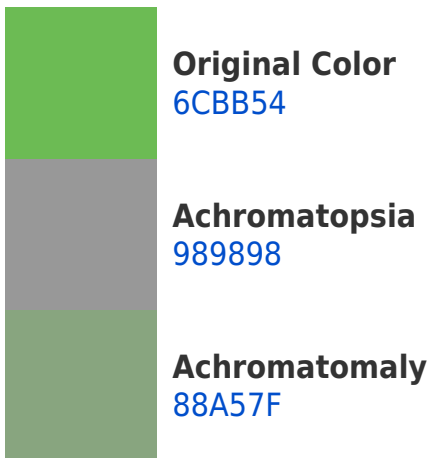


**Tritanopia**  
7FBOBE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CBB54 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 #6CBB54 looks like.

```
.text, #text, p{  
    color:#6CBB54  
}
```

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 #6CBB54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CBB54
}
```

## Border

The CSS property to change the border of an element to Hex 6CBB54 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
#6CBB54 }
```

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

```
.border{ border-color:#6CBB54 }
```

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

Here you see how a box with a 4 pixel #6CBB54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CBB54; -webkit-box-shadow:4px 4px  
4px 4px #6CBB54; box-shadow:4px 4px 4px  
4px #6CBB54 }
```

# Background

The CSS property to change the background color of an element to Hex 6CBB54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CBB54 }
```

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

```
.background{ background-color:#6CBB54 }
```

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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