

# Converting Colors

Hex(6CEB50)

Have a look what the booklet for  
Hex(6CEB50) contains.

<b>Hex(6CEB50)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(6CEB50)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CEB50
RGB	108, 235, 80
RGB Percent	42%, 92%, 31%
CMY	0.5765, 0.0784, 0.6863
CMYK	0.54, 0.00, 0.66, 0.08
HSL	109°, 79%, 62%
HSV	109°, 66%, 92%
XYZ	37.3406, 63.1840, 17.8171
YIQ	179.3570, -25.9370, -75.1290

# Conversions

## Conversions Part 2

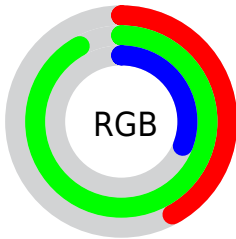
Format	Color
<b>RYB</b>	80, 235, 207
Decimal	7138128
CIELab	83.54, -62.85, 62.23
CIElCh	84, 88.442, 135.285
Yxy	63.1840, 0.3155, 0.5339
Android (android.graphics.Color)	4285328208 (0xFF6CEB50)
YUV	179.3570, -48.9830, -62.5801
Hunter-Lab	79.4884, -55.2520, 42.3522

# Details

The Hex color **6CEB50** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **CF50EB**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **A9FF88**, and **23B20D** is the 20% darker color. If you saturate the color by 10%, you get **59EB38**, and if you desaturate by 10%, it is **7FEB68**.

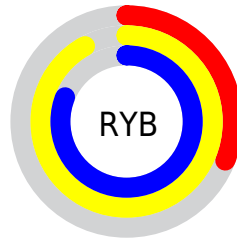
# Distribution



Red (42%)

Green (92%)

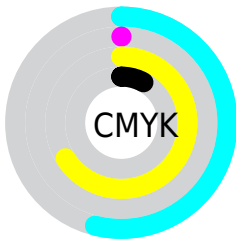
Blue (31%)



Red (31%)

Yellow (92%)

Blue (81%)

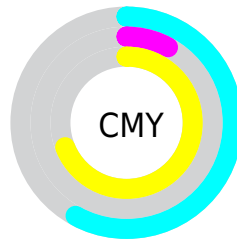


Cyan (54%)

Magenta (0%)

Yellow (66%)

Black (8%)



Cyan (58%)

Magenta (8%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CEB50 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 6CEB50 by changing the saturation by 10% instead.



 6CEB50

 6CEB50

FFFFFF

 4BCE33

 A9FF88

 23B20D

 C7FFA4

 009700

 E6FFC0

 007C00

 FFFFDD

 006200

 FFFFFA

 004800

 003100

 001500

 000000

 6CEB50

 6CEB50

 59EB38

 7FEB68

 45EB21

 93EB7F

 32EB0A

 A6EB96

 2AEB00

 B9EBAE

 CCEBC6

 E0EBDD

 F3EBF4

 FFEbff

# Harmonies

## Analogous

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



D0D900



6CEB50



00F4A3

# Triad

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



6CEB50



00E5FF



FF7CA9

# Complementary

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



6CEB50



CF50EB

# 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.



FF82FD



6CEB50



6FCBFF

# Square

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



6CEB50



00F3FF



FFA6FF



FF995C

# Rectangle

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



6CEB50



00F7DD



FFA6FF



FF79C5

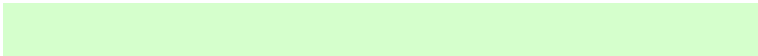


# Sweetspot

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



6CEB50



D5FFCC



EBCF50



668061



000000



808080



# Same Dimension

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



6CEB50



5AFF36



50EB81



6C756A



21B500



0A3600



# Inverse Universe

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



CF50EB



DB36FF



EB50BA



736A75



9400B5

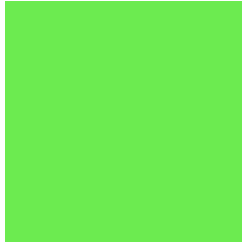


2C0036



# Previews

## White Background



This preview shows how the Hex color 6CEB50 looks on a white background.

## Color Contrast Check

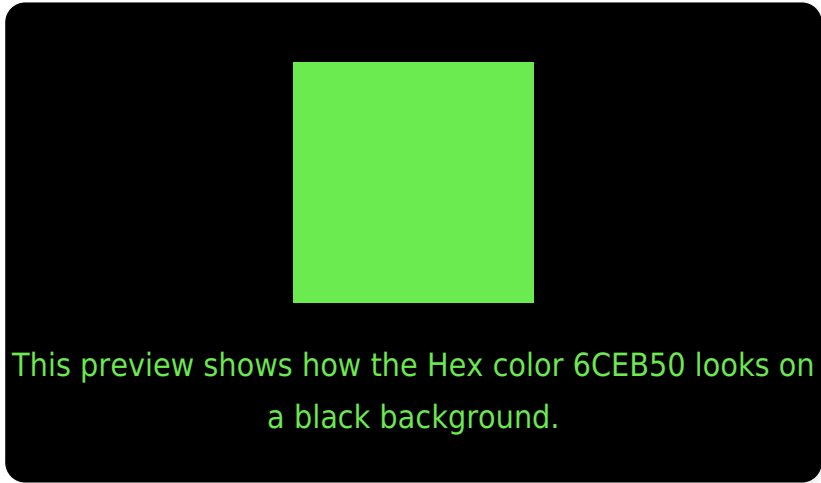
Large Text (above 18pt) WCAG AA × Fail

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

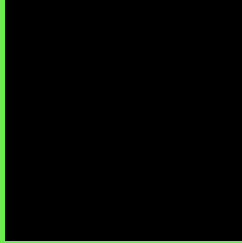
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6CEB50 Background



This preview shows how black text looks on a background with the Hex color 6CEB50.

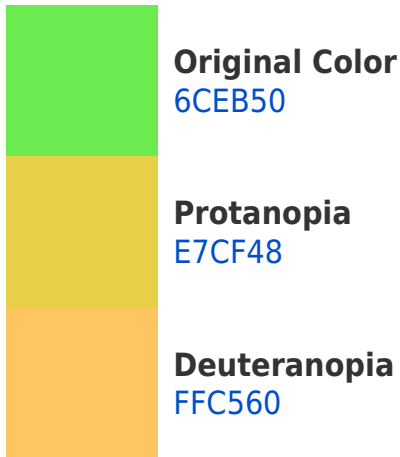


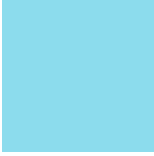
This preview shows how white text looks on a background with the Hex color 6CEB50.

# 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**  
8CDCEB

# Trichromacy



**Original Color**  
6CEB50



**Protanomaly**  
BAD94B

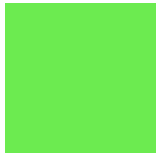


**Deuteranomaly**  
CAD35A

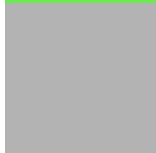


**Tritanomaly**  
80E1B4

# Monochromacy



**Original Color**  
6CEB50



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
99C78F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CEB50 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 #6CEB50 looks like.

```
.text, #text, p{  
    color:#6CEB50  
}
```

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 #6CEB50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CEB50  
}
```

## Border

The CSS property to change the border of an element to Hex 6CEB50 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  
#6CEB50 }
```

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

```
.border{ border-color:#6CEB50 }
```

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

Here you see how a box with a 4 pixel #6CEB50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CEB50; -webkit-box-shadow:4px 4px  
4px 4px #6CEB50; box-shadow:4px 4px 4px  
4px #6CEB50 }
```

# Background

The CSS property to change the background color of an element to Hex 6CEB50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CEB50 }
```

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

```
.background{ background-color:#6CEB50 }
```

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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