

# Converting Colors

Hex(67BE5B)

Have a look what the booklet for  
Hex(67BE5B) contains.

<b>Hex(67BE5B)</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(67BE5B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67BE5B
RGB	103, 190, 91
RGB Percent	40%, 75%, 36%
CMY	0.5961, 0.2549, 0.6431
CMYK	0.46, 0.00, 0.52, 0.25
HSL	113°, 43%, 55%
HSV	113°, 52%, 75%
XYZ	25.8953, 40.4658, 16.3434
YIQ	152.7010, -20.0730, -49.2330

# Conversions

## Conversions Part 2

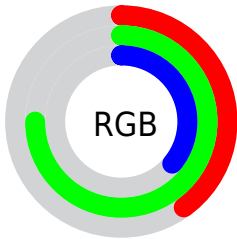
Format	Color
<b>RYB</b>	91, 190, 178
Decimal	6798939
CIELab	69.80, -45.69, 41.64
CIELCh	70, 61.818, 137.654
Yxy	40.4658, 0.3131, 0.4893
Android (android.graphics.Color)	4284989019 (0xFF67BE5B)
YUV	152.7010, -30.4186, -43.5878
Hunter-Lab	63.6127, -38.6590, 29.2961

# Details

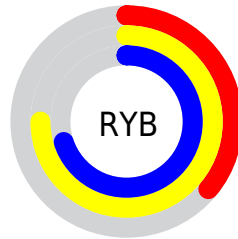
The Hex color **67BE5B** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B25BBE**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **9FF78F**, and **2D8829** is the 20% darker color. If you saturate the color by 10%, you get **56BE48**, and if you desaturate by 10%, it is **78BE6E**.

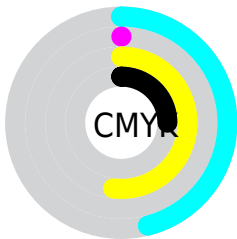
# Distribution



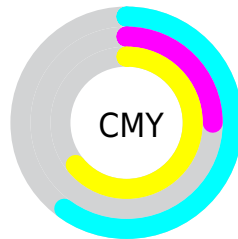
- Red (40%)
- Green (75%)
- Blue (36%)



- Red (36%)
- Yellow (75%)
- Blue (70%)



- Cyan (46%)
- Magenta (0%)
- Yellow (52%)
- Black (25%)



- Cyan (60%)
- Magenta (25%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67BE5B 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 67BE5B by changing the saturation by 10% instead.



 67BE5B

 67BE5B

FFFFFF

 4BA342

 9FF78F

 2D8829

 BCFFAA

 006E0C

 D9FFC6

 005500

 F6FFE3

 003C00

 002700

 000000

 67BE5B

 67BE5B

 56BE48

 78BE6E

 46BE35

 88BE81

 35BE22

 99BE94

 24BE0F

 AABEA7

 17BE00

 BABEBA

 CBBECD

 DCBEE0

 EDBEF3

 FDBEFF

# Harmonies

## Analogous

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



A9B236



67BE5B



00C491

# Triad

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



67BE5B



00B7FF



FF798C

# Complementary

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



67BE5B



B25BBE

# 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.



FF7AC4



67BE5B



82A5FF

# Square

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



67BE5B



00C2FC



D88EF7



FF8959

# Rectangle

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



67BE5B



00C6B8



D88EF7



FF779E

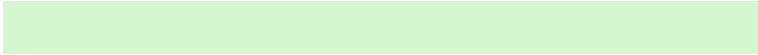


# Sweetspot

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



67BE5B



D5F7D0



BEB15B



687D65



FCFCFC



7D7D7D



# Same Dimension

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



67BE5B



6EF75C



5BBE7F



565E55



139E00



041F00



# Inverse Universe

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



B25BBE



E45CF7



BE5B9A



5D555E



8B009E



1B001F



# Previews

## White Background



This preview shows how the Hex color 67BE5B looks on a white background.

## Color Contrast Check

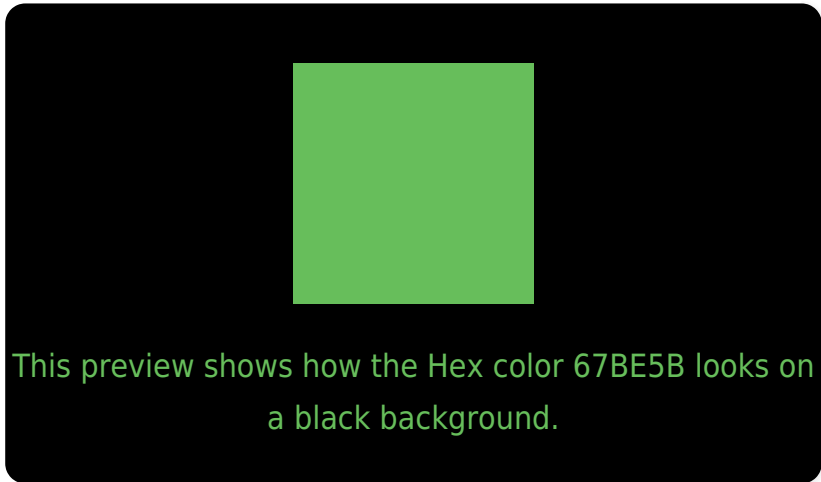
Large Text (above 18pt) WCAG AA × Fail

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

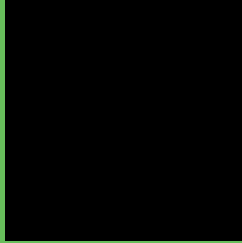
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 67BE5B Background



This preview shows how black text looks on a background with the Hex color 67BE5B.

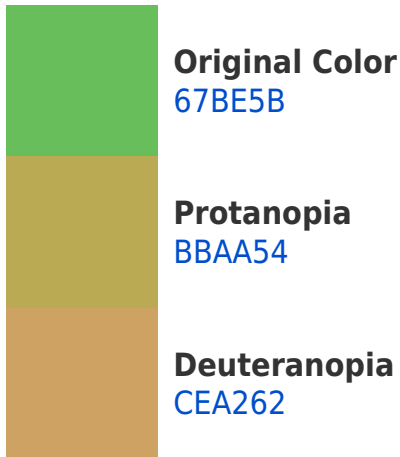


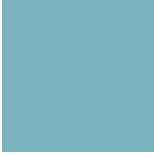
This preview shows how white text looks on a background with the Hex color 67BE5B.

# 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](#).

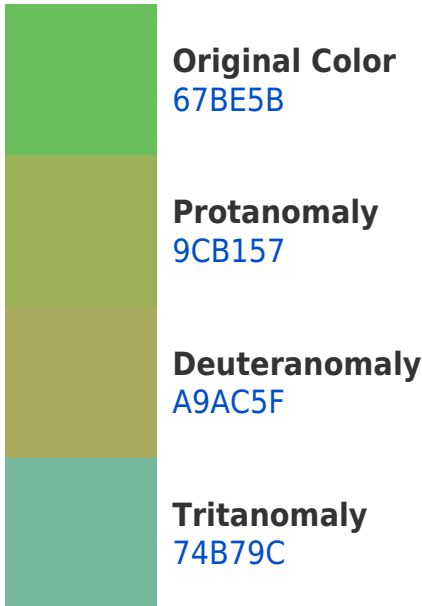
## Dichromacy



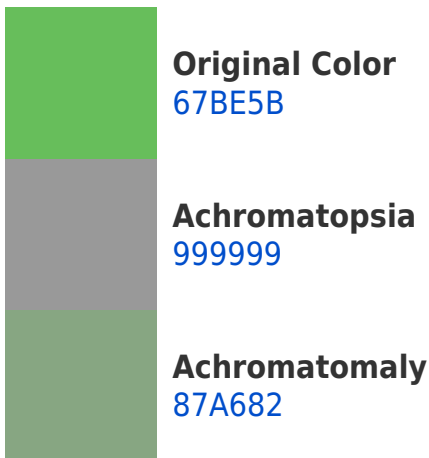


**Tritanopia**  
7BB3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67BE5B 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 #67BE5B looks like.

```
.text, #text, p{  
    color:#67BE5B  
}
```

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 #67BE5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67BE5B
}
```

## Border

The CSS property to change the border of an element to Hex 67BE5B 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
#67BE5B }
```

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

```
.border{ border-color:#67BE5B }
```

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

Here you see how a box with a 4 pixel #67BE5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67BE5B; -webkit-box-shadow:4px 4px  
4px 4px #67BE5B; box-shadow:4px 4px 4px  
4px #67BE5B }
```

# Background

The CSS property to change the background color of an element to Hex 67BE5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67BE5B }
```

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

```
.background{ background-color:#67BE5B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor