

# Converting Colors

Hex(67E75B)

Have a look what the booklet for  
Hex(67E75B) contains.

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**Color**

**Hex(67E75B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67E75B
RGB	103, 231, 91
RGB Percent	40%, 91%, 36%
CMY	0.5961, 0.0941, 0.6431
CMYK	0.55, 0.00, 0.61, 0.09
HSL	115°, 74%, 63%
HSV	115°, 61%, 91%
XYZ	36.0578, 60.7907, 19.7309
YIQ	176.7680, -31.3480, -70.6760

# Conversions

## Conversions Part 2

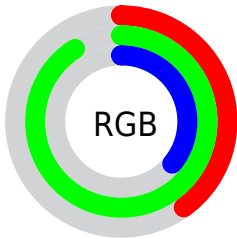
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">91, 231, 219</a>
Decimal	<a href="#">6809435</a>
CIELab	<a href="#">82.27, -61.60, 56.25</a>
CIELCh	<a href="#">82, 83.419, 137.603</a>
Yxy	<a href="#">60.7907, 0.3093, 0.5215</a>
Android (android.graphics.Color)	<a href="#">4284999515 (0xFF67E75B)</a>
YUV	<a href="#">176.7680, -42.2836, -64.6945</a>
Hunter-Lab	<a href="#">77.9684, -53.8945, 39.5738</a>

# Details

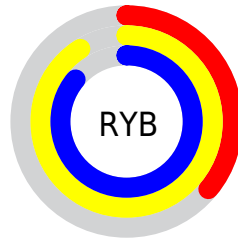
The Hex color **67E75B** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **DB5BE7**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **A4FF91**, and **1CAE22** is the 20% darker color. If you saturate the color by 10%, you get **52E744**, and if you desaturate by 10%, it is **7CE772**.

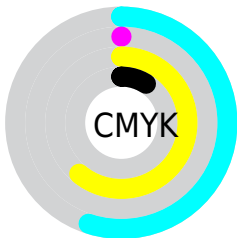
# Distribution



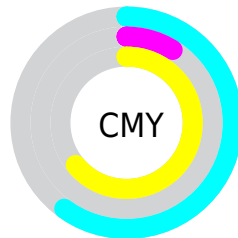
- Red (40%)
- Green (91%)
- Blue (36%)



- Red (36%)
- Yellow (91%)
- Blue (86%)



- Cyan (55%)
- Magenta (0%)
- Yellow (61%)
- Black (9%)



- Cyan (60%)
- Magenta (9%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67E75B 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 67E75B by changing the saturation by 10% instead.



 67E75B

 67E75B


FFFFFF

 46CA40

 A4FF91

 1CAE22

 C2FFAD

 009300

 E0FFCA

 007800

 FFFFE7

 005E00

 004500

 002E00

 000F00

 000000


 67E75B

 67E75B

 52E744

 7CE772

 3DE72D

 91E789

 28E716

 A6E7A0

 14E700

 BBE7B7

 D1E7CF

 E6E7E6

 FBE7FD

 FFE7FF

# Harmonies

## Analogous

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



C7D715



67E75B



00EFA8

# Triad

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



67E75B



00DFFF



FF81A2

# Complementary

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



67E75B



DB5BE7

# 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.



FF83F1



67E75B



88C5FF

# Square

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



67E75B



00EDFF



FFA3FF



FF9C5A

# Rectangle

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



67E75B



00F1DF



FFA3FF



FF7EBC

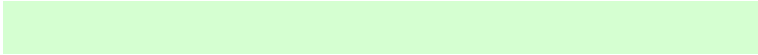


# Sweetspot

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



67E75B



D5FFD1



E7D95B



668063



000000



808080



# Same Dimension

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



67E75B



55FF45



5BE793



687367



0FB300



043300



# Inverse Universe

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



DB5BE7



EF45FF



E75BAF



726773



A300B3

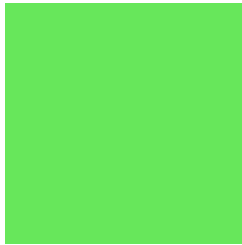


2F0033



# Previews

## White Background



This preview shows how the Hex color 67E75B 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



This preview shows how the Hex color 67E75B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

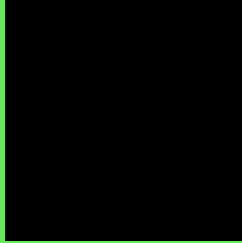
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 67E75B Background



This preview shows how black text looks on a background with the Hex color 67E75B.

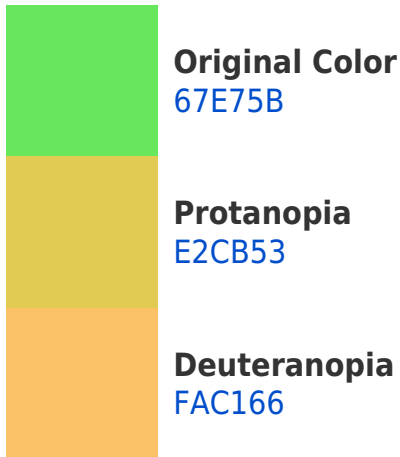


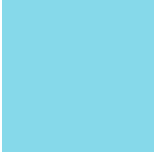
This preview shows how white text looks on a background with the Hex color 67E75B.

# 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**  
86D9EA

# Trichromacy



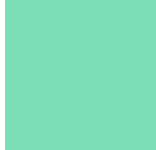
**Original Color**  
67E75B



**Protanomaly**  
B5D556



**Deuteranomaly**  
C5CF62

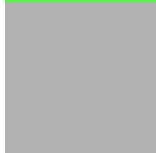


**Tritanomaly**  
7BDEB6

# Monochromacy



**Original Color**  
67E75B



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
96C592

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67E75B 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 #67E75B looks like.

```
.text, #text, p{  
    color:#67E75B  
}
```

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 #67E75B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67E75B
}
```

## Border

The CSS property to change the border of an element to Hex 67E75B 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
#67E75B }
```

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

```
.border{ border-color:#67E75B }
```

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

Here you see how a box with a 4 pixel #67E75B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67E75B; -webkit-box-shadow:4px 4px  
4px 4px #67E75B; box-shadow:4px 4px 4px  
4px #67E75B }
```

# Background

The CSS property to change the background color of an element to Hex 67E75B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67E75B }
```

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

```
.background{ background-color:#67E75B }
```

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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