

Converting Colors

Hex(67E65A)

Have a look what the booklet for
Hex(67E65A) contains.

Hex(67E65A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(67E65A)

Conversions

Conversions Part 1

Format	Color
Hex	67E65A
RGB	103, 230, 90
RGB Percent	40%, 90%, 35%
CMY	0.5961, 0.0980, 0.6471
CMYK	0.55, 0.00, 0.61, 0.10
HSL	114°, 74%, 63%
HSV	114°, 61%, 90%
XYZ	35.7358, 60.2154, 19.4121
YIQ	176.0670, -30.7520, -70.4640

Conversions

Conversions Part 2

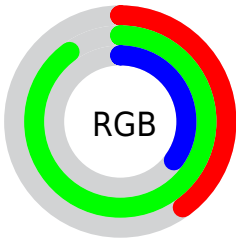
Format	Color
RYB	90, 230, 217
Decimal	6809178
CIELab	81.96, -61.34, 56.32
CIELCh	82, 83.279, 137.443
Yxy	60.2154, 0.3098, 0.5220
Android (android.graphics.Color)	4284999258 (0xFF67E65A)
YUV	176.0670, -42.4310, -64.0798
Hunter-Lab	77.5986, -53.5944, 39.4870

Details

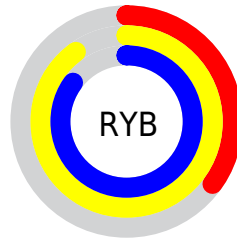
The Hex color **67E65A** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **D95AE6**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **A4FF90**, and **1CAD21** is the 20% darker color. If you saturate the color by 10%, you get **52E643**, and if you desaturate by 10%, it is **7CE671**.

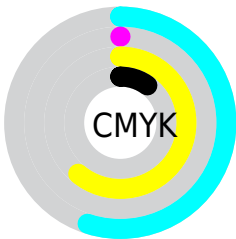
Distribution



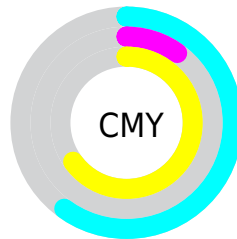
- Red (40%)
- Green (90%)
- Blue (35%)



- Red (35%)
- Yellow (90%)
- Blue (85%)



- Cyan (55%)
- Magenta (0%)
- Yellow (61%)
- Black (10%)



- Cyan (60%)
- Magenta (10%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67E65A 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 67E65A by changing the saturation by 10% instead.

 67E65A

 67E65A


FFFFFF

 46C93F

 A4FF90

 1CAD21

 C2FFAC

 009200

 E0FFC9

 007700

 FFFFE6

 005D00

 004400

 002D00

 000D00

 000000

 67E65A

 67E65A

 52E643

 7CE671

 3DE62C

 91E688

 28E615

 A6E69F

 15E600

 BAE6B6

 CFE6CD

 E4E6E4

 F9E6FB

 FFE6FF

Harmonies

Analogous

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



C7D613



67E65A



00EEA7

Triad

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



67E65A



00DEFF



FF80A2

Complementary

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



67E65A



D95AE6

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.



FF83F0



67E65A



86C5FF

Square

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



67E65A



00ECFF



FFA2FF



FF9B5A

Rectangle

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



67E65A



00F0DE



FFA2FF



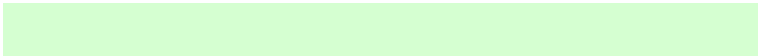
FF7DBC

Sweetspot

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



67E65A



D5FFD1



E6D85A



668063



000000



808080

Same Dimension

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



67E65A



56FF45



5AE692



687367



11B300



053300

Inverse Universe

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



D95AE6



EE45FF



E65AAE



726773



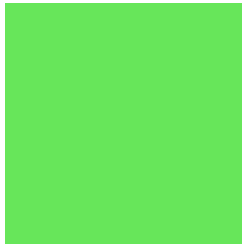
A200B3



2E0033

Previews

White Background



This preview shows how the Hex color 67E65A 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 67E65A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

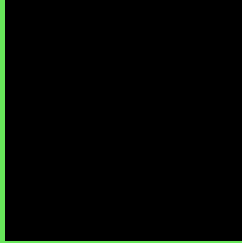
Any Text WCAG AA ✓ Pass

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 67E65A Background



This preview shows how black text looks on a background with the Hex color 67E65A.

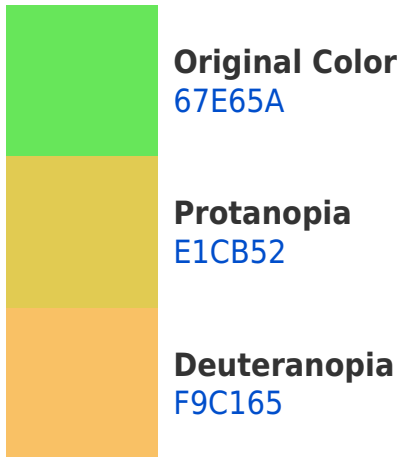


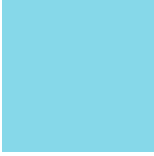
This preview shows how white text looks on a background with the Hex color 67E65A.

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](#).

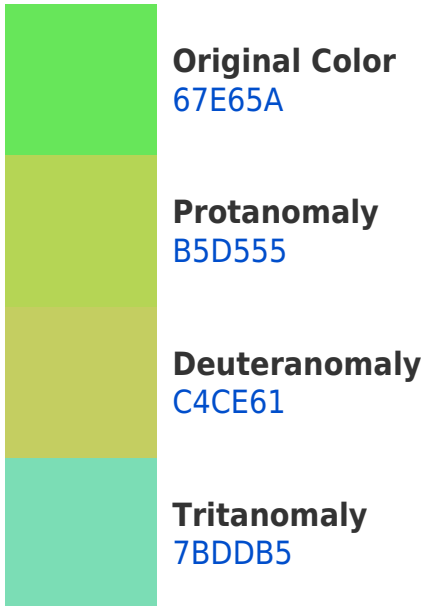
Dichromacy



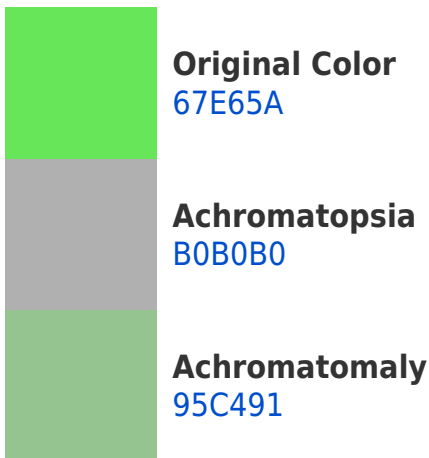


Tritanopia
86D8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67E65A 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 #67E65A looks like.

```
.text, #text, p{  
    color:#67E65A  
}
```

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 #67E65A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67E65A
}
```

Border

The CSS property to change the border of an element to Hex 67E65A 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
#67E65A }
```

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

```
.border{ border-color:#67E65A }
```

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

Here you see how a box with a 4 pixel #67E65A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67E65A; -webkit-box-shadow:4px 4px  
4px 4px #67E65A; box-shadow:4px 4px 4px  
4px #67E65A }
```

Background

The CSS property to change the background color of an element to Hex 67E65A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67E65A }
```

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

```
.background{ background-color:#67E65A }
```

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