

Converting Colors

Hex(67D54E)

Have a look what the booklet for
Hex(67D54E) contains.

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Color

Hex(67D54E)

Conversions

Conversions Part 1

Format	Color
Hex	67D54E
RGB	103, 213, 78
RGB Percent	40%, 84%, 31%
CMY	0.5961, 0.1647, 0.6941
CMYK	0.52, 0.00, 0.63, 0.16
HSL	109°, 62%, 57%
HSV	109°, 63%, 84%
XYZ	30.7629, 51.0221, 15.4346
YIQ	164.7200, -22.2250, -65.3050

Conversions

Conversions Part 2

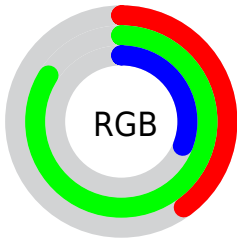
Format	Color
RYB	78, 213, 188
Decimal	6804814
CIELab	76.69, -56.24, 55.53
CIELCh	77, 79.038, 135.364
Yxy	51.0221, 0.3164, 0.5248
Android (android.graphics.Color)	4284994894 (0xFF67D54E)
YUV	164.7200, -42.7530, -54.1284
Hunter-Lab	71.4298, -48.1269, 37.1894

Details

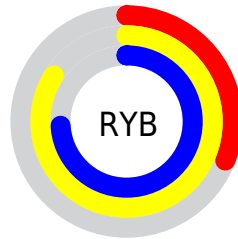
The Hex color **67D54E** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **BC4ED5**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **A2FF84**, and **249D12** is the 20% darker color. If you saturate the color by 10%, you get **56D539**, and if you desaturate by 10%, it is **78D563**.

Distribution



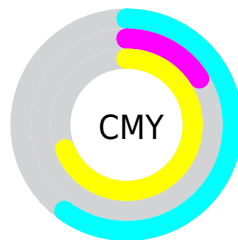
- Red (40%)
- Green (84%)
- Blue (31%)



- Red (31%)
- Yellow (84%)
- Blue (74%)



- Cyan (52%)
- Magenta (0%)
- Yellow (63%)
- Black (16%)



- Cyan (60%)
- Magenta (16%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67D54E 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 67D54E by changing the saturation by 10% instead.



67D54E



67D54E

FFFFFF



48B932



A2FF84



249D12



C0FFA0



008200



D0FFBC



006800



FCFFD8



004F00



FFFFF5



003700



001F00



000000



67D54E



67D54E

 56D539

 78D563

 44D523

 8AD579

 33D50E

 9BD58E

 27D500

 ACD5A3

 BED5B9

 CFD5CE

 E0D5E3

 F2D5F8

 FFD5FF

Harmonies

Analogous

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



BEC50A



67D54E



00DD96

Triad

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



67D54E



00D0FF



FF759B

Complementary

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



67D54E



BC4ED5

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.



FF7AE4



67D54E



6EB9FF

Square

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



67D54E



00DCFF



F098FF



FF8E57

Rectangle

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



67D54E



00DFC9



F098FF



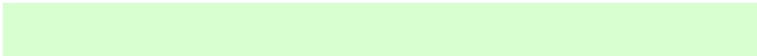
FF73B3

Sweetspot

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



67D54E



D8FFCF



D5BA4E



688062



000000



808080

Same Dimension

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



67D54E



61FF3D



4ED577



626B60



20AB00



082B00

Inverse Universe

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



BC4ED5



DB3DFF



D54EAD



69606B



8B00AB



23002B

Previews

White Background



This preview shows how the Hex color 67D54E looks on a white background.

Color Contrast Check

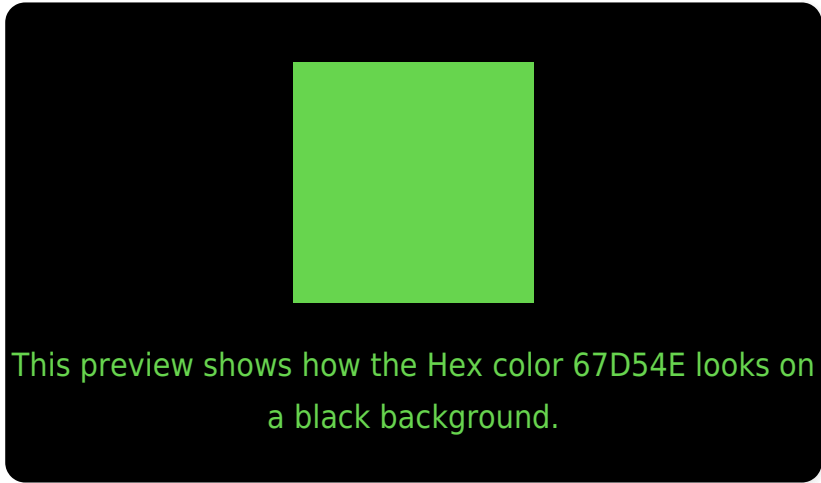
Large Text (above 18pt) WCAG AA × Fail

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 67D54E Background



This preview shows how black text looks on a background with the Hex color 67D54E.

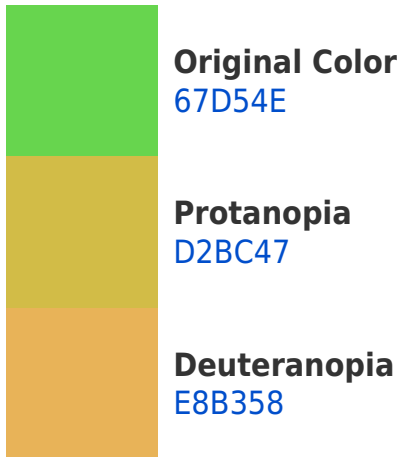


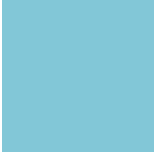
This preview shows how white text looks on a background with the Hex color 67D54E.

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](#).

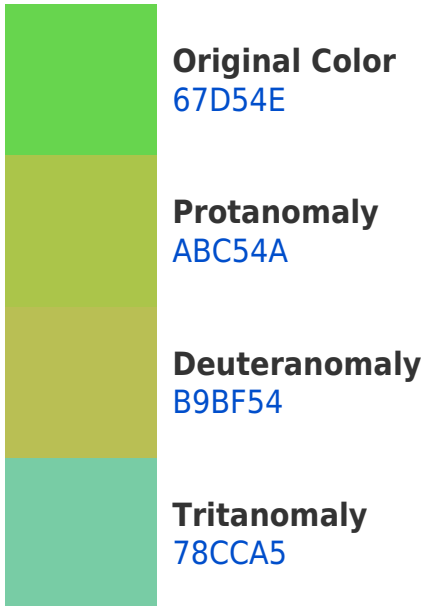
Dichromacy



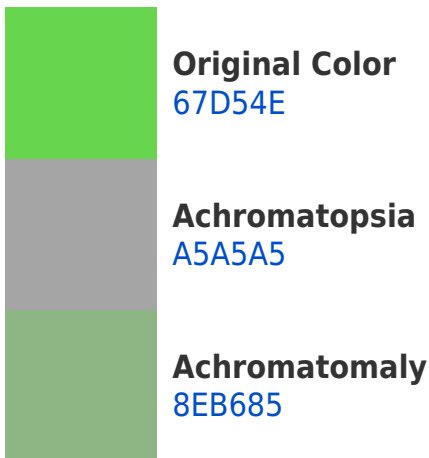


Tritanopia
82C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67D54E 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 #67D54E looks like.

```
.text, #text, p{  
    color:#67D54E  
}
```

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 #67D54E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67D54E
}
```

Border

The CSS property to change the border of an element to Hex 67D54E 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
#67D54E }
```

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

```
.border{ border-color:#67D54E }
```

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

Here you see how a box with a 4 pixel #67D54E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67D54E; -webkit-box-shadow:4px 4px  
4px 4px #67D54E; box-shadow:4px 4px 4px  
4px #67D54E }
```

Background

The CSS property to change the background color of an element to Hex 67D54E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67D54E }
```

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

```
.background{ background-color:#67D54E }
```

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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