

Converting Colors

Hex(67CD3F)

Have a look what the booklet for
Hex(67CD3F) contains.

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Color

Hex(67CD3F)

Conversions

Conversions Part 1

Format	Color
Hex	67CD3F
RGB	103, 205, 63
RGB Percent	40%, 80%, 25%
CMY	0.5961, 0.1961, 0.7529
CMYK	0.50, 0.00, 0.69, 0.20
HSL	103°, 59%, 53%
HSV	103°, 69%, 80%
XYZ	28.3220, 46.9051, 12.2635
YIQ	158.3140, -15.2100, -65.7860

Conversions

Conversions Part 2

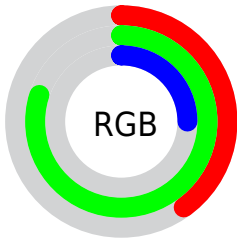
Format	Color
RYB	63, 205, 165
Decimal	6802751
CIELab	74.13, -54.52, 58.81
CIELCh	74, 80.196, 132.835
Yxy	46.9051, 0.3237, 0.5361
Android (android.graphics.Color)	4284992831 (0xFF67CD3F)
YUV	158.3140, -46.9898, -48.5104
Hunter-Lab	68.4873, -46.0364, 37.3245

Details

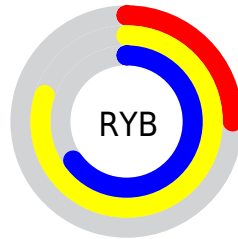
The Hex color **67CD3F** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **A53FCD**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **A2FF76**, and **259600** is the 20% darker color. If you saturate the color by 10%, you get **58CD2B**, and if you desaturate by 10%, it is **76CD54**.

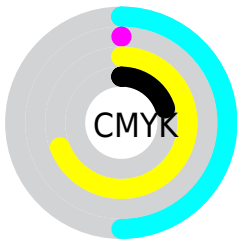
Distribution



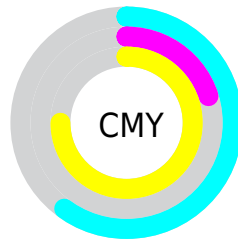
- Red (40%)
- Green (80%)
- Blue (25%)



- Red (25%)
- Yellow (80%)
- Blue (65%)



- Cyan (50%)
- Magenta (0%)
- Yellow (69%)
- Black (20%)



- Cyan (60%)
- Magenta (20%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67CD3F 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 67CD3F by changing the saturation by 10% instead.

 67CD3F

 67CD3F

FFFFFF

 49B121

 A2FF76

 259600

 BFFF91

 007B00

 DDFEAD

 006100

 FBFFCA

 004800

 FFFFE7

 003200

 001700

 000000

 67CD3F

 67CD3F

■ 58CD2B

■ 76CD54

■ 4ACD16

■ 84CD68

■ 3BCD02

■ 93CD7D

■ 3ACD00

■ A2CD91

■ B1CDA6

■ BFCDBA

■ CECDCF

■ DDCDE3

■ ECCDF8

Harmonies

Analogous

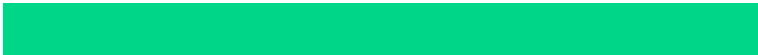
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BCBD00



67CD3F



00D688

Triad

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



67CD3F



00CAFF



FF6B9A

Complementary

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



67CD3F



A53FCD

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.



FF73E4



67CD3F



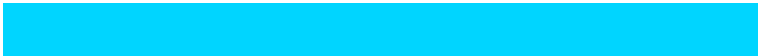
49B4FF

Square

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



67CD3F



00D5FF



E194FF



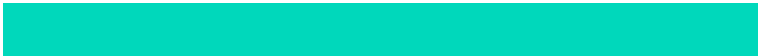
FF8355

Rectangle

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



67CD3F



00D8BB



E194FF



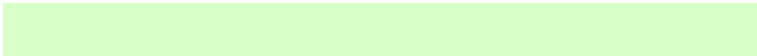
FF69B2

Sweetspot

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



67CD3F



D9FFC9



CDA53F



698060



000000



808080

Same Dimension

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



67CD3F



67FF2B



3FCD5E



5F665C



2FA600



0B2600

Inverse Universe

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



A53FCD



C32BFF



CD3FAE



635C66



7700A6



1B0026

Previews

White Background



This preview shows how the Hex color 67CD3F looks on a white background.

Color Contrast Check

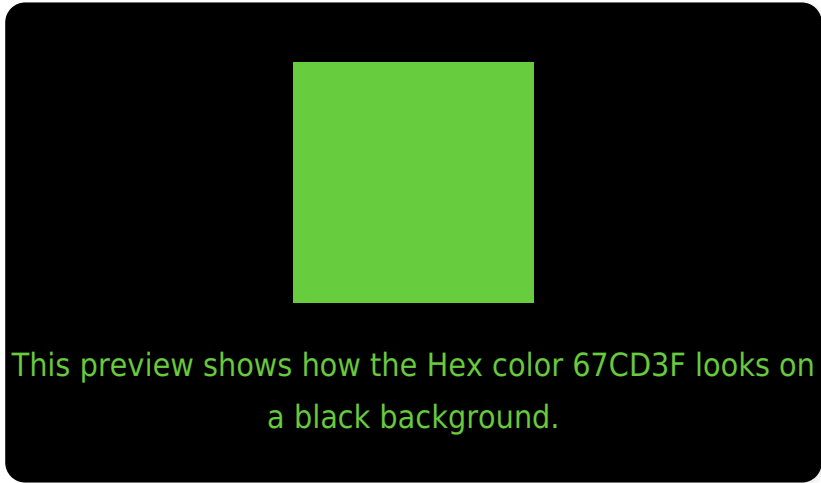
Large Text (above 18pt) WCAG AA × Fail

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 67CD3F Background



This preview shows how black text looks on a background with the Hex color 67CD3F.

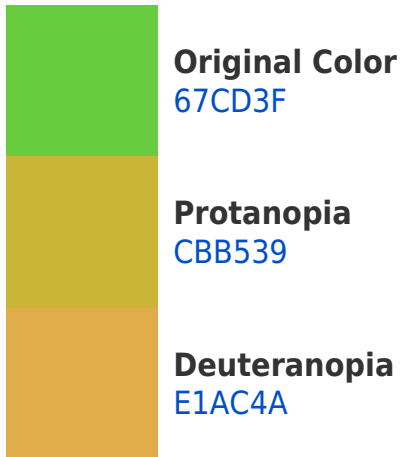


This preview shows how white text looks on a background with the Hex color 67CD3F.

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
81BFCF

Trichromacy



Original Color
67CD3F



Protanomaly
A7BE3B



Deuteranomaly
B5B846



Tritanomaly
78C49B

Monochromacy



Original Color
67CD3F



Achromatopsia
9E9E9E



Achromatomaly
8AAF7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 67CD3F 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 #67CD3F looks like.

```
.text, #text, p{  
    color:#67CD3F  
}
```

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 #67CD3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67CD3F
}
```

Border

The CSS property to change the border of an element to Hex 67CD3F 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
#67CD3F }
```

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

```
.border{ border-color:#67CD3F }
```

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

Here you see how a box with a 4 pixel #67CD3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67CD3F; -webkit-box-shadow:4px 4px  
4px 4px #67CD3F; box-shadow:4px 4px 4px  
4px #67CD3F }
```

Background

The CSS property to change the background color of an element to Hex 67CD3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67CD3F }
```

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

```
.background{ background-color:#67CD3F }
```

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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