

Converting Colors

Hex(67DB3C)

Have a look what the booklet for
Hex(67DB3C) contains.

Hex(67DB3C)	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(67DB3C)

Conversions

Conversions Part 1

Format	Color
Hex	67DB3C
RGB	103, 219, 60
RGB Percent	40%, 86%, 24%
CMY	0.5961, 0.1412, 0.7647
CMYK	0.53, 0.00, 0.73, 0.14
HSL	104°, 69%, 55%
HSV	104°, 73%, 86%
XYZ	31.7406, 53.8728, 13.0006
YIQ	166.1900, -18.0970, -74.0410

Conversions

Conversions Part 2

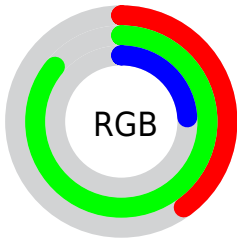
Format	Color
RYB	60, 219, 176
Decimal	6806332
CIELab	78.39, -59.95, 64.25
CIELCh	78, 87.878, 133.015
Yxy	53.8728, 0.3219, 0.5463
Android (android.graphics.Color)	4284996412 (0xFF67DB3C)
YUV	166.1900, -52.3517, -55.4176
Hunter-Lab	73.3981, -51.2553, 40.8770

Details

The Hex color **67DB3C** 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 **B03CDB**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A3FF75**, and **1FA300** is the 20% darker color. If you saturate the color by 10%, you get **57DB26**, and if you desaturate by 10%, it is **77DB52**.

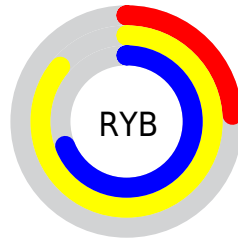
Distribution



Red (40%)

Green (86%)

Blue (24%)



Red (24%)

Yellow (86%)

Blue (69%)

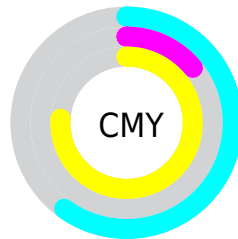


Cyan (53%)

Magenta (0%)

Yellow (73%)

Black (14%)



Cyan (60%)

Magenta (14%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67DB3C 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 67DB3C by changing the saturation by 10% instead.

 67DB3C

 67DB3C

FFFFFF

 47BF1A

 A3FF75

 1FA300

 C1FF91

 008800

 E0FFAD

 006D00

 FEFFCA

 005400

 FFFFE7

 003B00

 002400

 000000

 67DB3C

 67DB3C

 57DB26

 77DB52

 47DB10

 87DB68

 3BDB00

 97DB7E

 A7DB94

 B7DBAA

 C7DBBF

 D7DBD5

 E7DBEB

 F7DBFF

Harmonies

Analogous

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



C7C900



67DB3C



00E48F

Triad

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



67DB3C



00D8FF



FF6BA2

Complementary

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



67DB3C



B03CDB

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.



FF75F4



67DB3C



3CC0FF

Square

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



67DB3C



00E4FF



F29BFF



FF8855

Rectangle

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



67DB3C



00E7C8



F29BFF



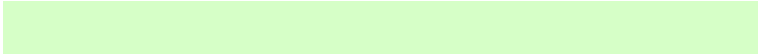
FF69BD

Sweetspot

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



67DB3C



D6FFC7



DBAE3C



67805E



000000



808080

Same Dimension

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



67DB3C



5DFF21



3CDB5E



666E63



2FAD00



0C2E00

Inverse Universe

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



B03CDB



C321FF



DB3CB9



6B636E



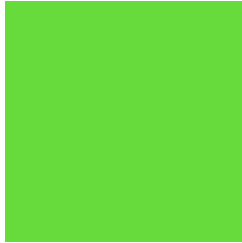
7F00AD



21002E

Previews

White Background



This preview shows how the Hex color 67DB3C looks on a white background.

Color Contrast Check

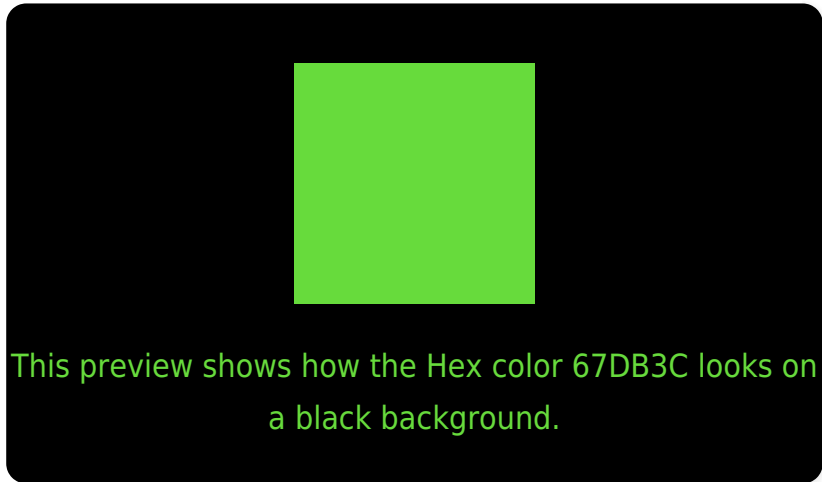
Large Text (above 18pt) WCAG AA × Fail

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 67DB3C Background



This preview shows how black text looks on a background with the Hex color 67DB3C.

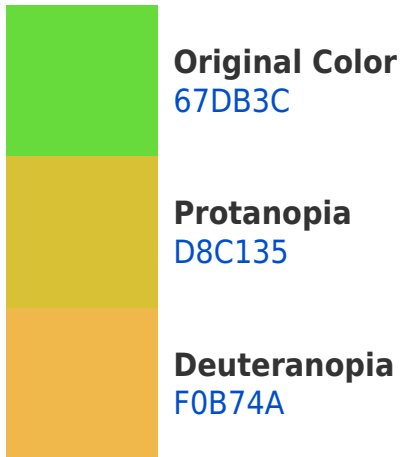


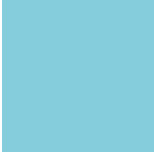
This preview shows how white text looks on a background with the Hex color 67DB3C.

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](#).

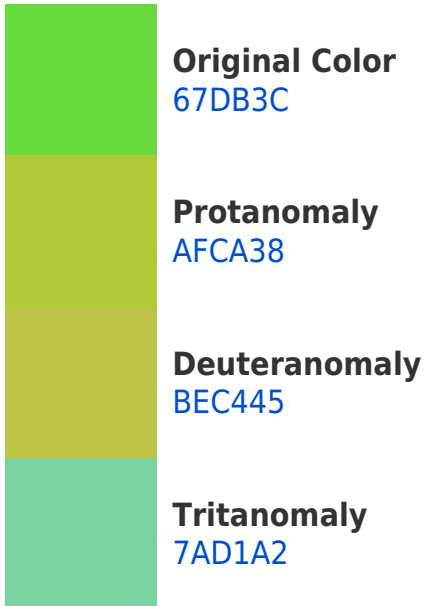
Dichromacy



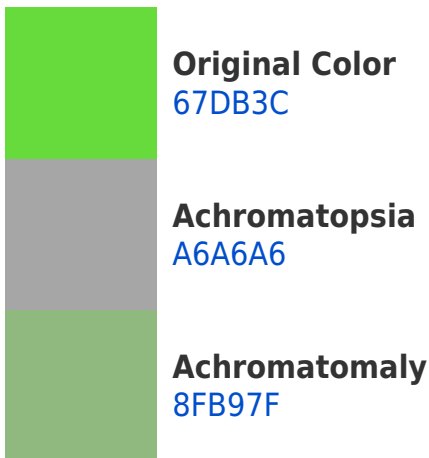


Tritanopia
85CCDD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67DB3C 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 #67DB3C looks like.

```
.text, #text, p{  
    color:#67DB3C  
}
```

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 #67DB3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67DB3C
}
```

Border

The CSS property to change the border of an element to Hex 67DB3C 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
#67DB3C }
```

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

```
.border{ border-color:#67DB3C }
```

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

Here you see how a box with a 4 pixel #67DB3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67DB3C; -webkit-box-shadow:4px 4px  
4px 4px #67DB3C; box-shadow:4px 4px 4px  
4px #67DB3C }
```

Background

The CSS property to change the background color of an element to Hex 67DB3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67DB3C }
```

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

```
.background{ background-color:#67DB3C }
```

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