

Converting Colors

Hex(67FF00)

Have a look what the booklet for
Hex(67FF00) contains.

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Color

Hex(67FF00)

Conversions

Conversions Part 1

Format	Color
Hex	67FF00
RGB	103, 255, 0
RGB Percent	40%, 100%, 0%
CMY	0.5961, 0.0000, 1.0000
CMYK	0.60, 0.00, 1.00, 0.00
HSL	96°, 100%, 50%
HSV	96°, 100%, 100%
XYZ	41.3535, 74.4036, 12.1818
YIQ	180.4820, -8.7370, -111.5290

Conversions

Conversions Part 2

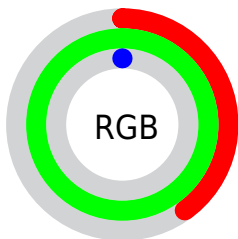
Format	Color
RYB	0, 255, 152
Decimal	6815488
CIELab	89.11, -74.20, 84.86
CIElCh	89, 112.722, 131.166
Yxy	74.4036, 0.3232, 0.5816
Android (android.graphics.Color)	4285005568 (0xFF67FF00)
YUV	180.4820, -88.9776, -67.9517
Hunter-Lab	86.2575, -65.3743, 52.0070

Details

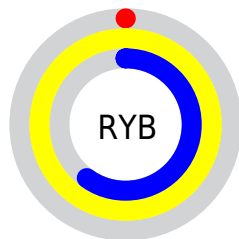
The Hex color **67FF00** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **9800FF**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **A9FF5D**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **67FF00**, and if you desaturate by 10%, it is **76FF19**.

Distribution



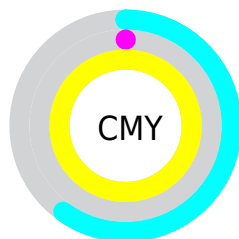
- Red (40%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (60%)



- Cyan (60%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67FF00 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 67FF00 by changing the saturation by 10% instead.

 67FF00

 67FF00

FFFFFF

 40E200


 A9FF5D

 00C500

 C9FF7C

 00A900

 E9FF9A

 008D00

 FFFFB8

 007200

 FFFFD6

 005800

 FFFFF4

 003F00

 002600

 000000

 67FF00

 76FF19

 85FF33

 95FF4D

 A4FF66

 B3FF80

 C2FF99

 D1FFB3

 E1FFCC

 F0FFE6

Harmonies

Analogous

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



E8E800



67FF00



00FF96

Triad

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



67FF00



00FFFF



FF59BD

Complementary

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



67FF00



9800FF

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.



FF70FF



67FF00



00E0FF

Square

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



67FF00



00FFFF



FFAEFF



FF8A55

Rectangle

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



67FF00



00FFE1



FFAEFF



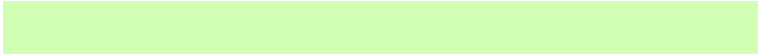
FF56E0

Sweetspot

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



67FF00



D1FFB3



FF9500



648052



000000



808080

Same Dimension

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



67FF00



00FF15



788073



4DBF00



1A4000

Inverse Universe

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



9800FF



FF00EA



7A7380



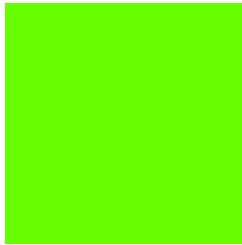
7200BF



260040

Previews

White Background



This preview shows how the Hex color 67FF00 looks on a white background.

Color Contrast Check

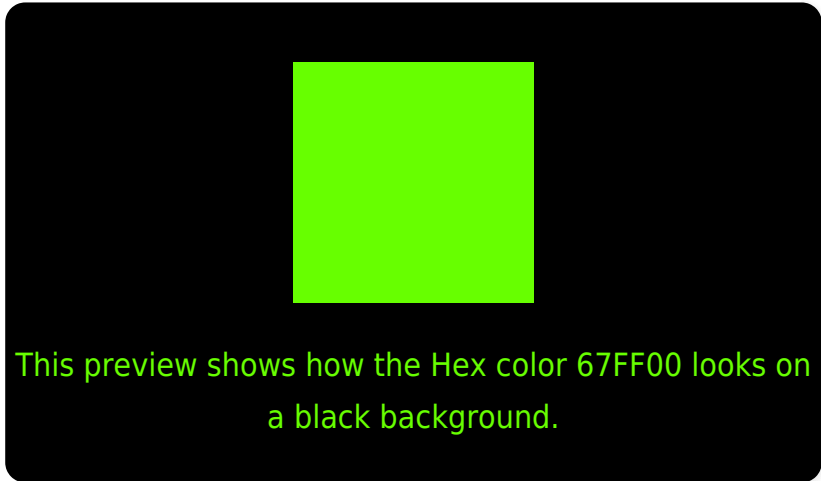
Large Text (above 18pt) WCAG AA × Fail

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

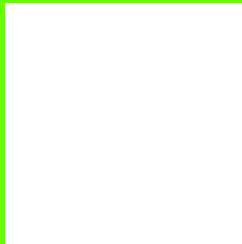
Any Text WCAG AAA ✓ Pass

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

Hex 67FF00 Background



This preview shows how black text looks on a background with the Hex color 67FF00.

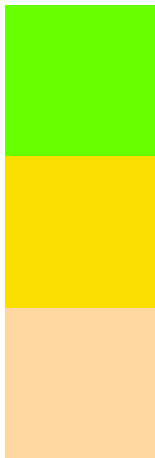


This preview shows how white text looks on a background with the Hex color 67FF00.

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](#).

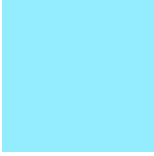
Dichromacy



Original Color
E67E22

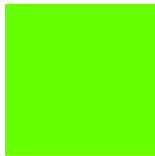
Protanopia
F1C40F

Deuteranopia
A9D0D9



Tritanopia
94EDFF

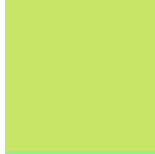
Trichromacy



Original Color
67FF00



Protanomaly
C5EB00



Deuteranomaly
C8E665

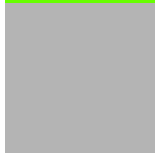


Tritanomaly
84F4A2

Monochromacy



Original Color
67FF00



Achromatopsia
B4B4B4



Achromatomaly
98CF73

CSS Examples

Text

The CSS property to change the color of the text to Hex 67FF00 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 #67FF00 looks like.

```
.text, #text, p{  
    color:#67FF00  
}
```

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 #67FF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67FF00
}
```

Border

The CSS property to change the border of an element to Hex 67FF00 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
#67FF00 }
```

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

```
.border{ border-color:#67FF00 }
```

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

Here you see how a box with a 4 pixel #67FF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67FF00; -webkit-box-shadow:4px 4px  
4px 4px #67FF00; box-shadow:4px 4px 4px  
4px #67FF00 }
```

Background

The CSS property to change the background color of an element to Hex 67FF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67FF00 }
```

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

```
.background{ background-color:#67FF00 }
```

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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