

Converting Colors

Hex(66FB02)

Have a look what the booklet for
Hex(66FB02) contains.

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Color

Hex(66FB02)

Conversions

Conversions Part 1

Format	Color
Hex	66FB02
RGB	102, 251, 2
RGB Percent	40%, 98%, 1%
CMY	0.6000, 0.0157, 0.9922
CMYK	0.59, 0.00, 0.99, 0.02
HSL	96°, 98%, 50%
HSV	96°, 99%, 98%
XYZ	39.9876, 71.8235, 11.8132
YIQ	178.0630, -8.8750, -109.0270

Conversions

Conversions Part 2

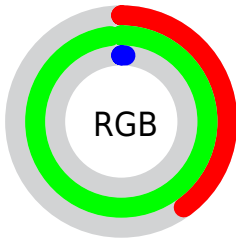
Format	Color
R_{YB}	2, 251, 151
Decimal	6748930
CIE _{Lab}	87.88, -73.12, 83.72
CIE _{LCh}	88, 111.155, 131.133
Yxy	71.8235, 0.3235, 0.5810
Android (android.graphics.Color)	4284939010 (0xFF66FB02)
YUV	178.0630, -86.7991, -66.7073
Hunter-Lab	84.7488, -64.0874, 51.0597

Details

The Hex color **66FB02** 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 **9702FB**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **A8FF5C**, and **00C100** is the 20% darker color. If you saturate the color by 10%, you get **65FB00**, and if you desaturate by 10%, it is **75FB1B**.

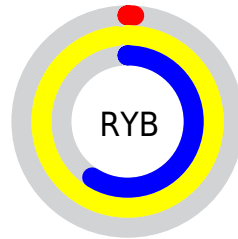
Distribution



Red (40%)

Green (98%)

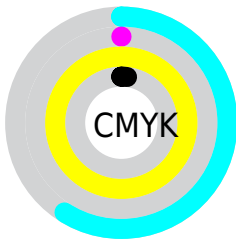
Blue (1%)



Red (1%)

Yellow (98%)

Blue (59%)

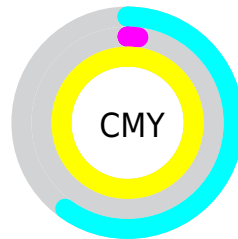


Cyan (59%)

Magenta (0%)

Yellow (99%)

Black (2%)



Cyan (60%)

Magenta (2%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66FB02 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 66FB02 by changing the saturation by 10% instead.

 66FB02

 66FB02

FFFFFF

 40DE00

 A8FF5C

 00C100

 C8FF7B

 00A500

 E7FF99

 008A00

 FFFFB7

 006F00

 FFFF5D

 005500

 FFFFF3

 003C00

 002200


 000000

 66FB02

 66FB02

 65FB00

 75FB1B

 84FB34

 93FB4D

 A2FB66

 B1FB7F

 C0FB99

 CFFBB2

 DEFBCB

 EDFBE4

Harmonies

Analogous

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



E5E400



66FB02



00FF93

Triad

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



66FB02



00FBFF



FF58BA

Complementary

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



66FB02



9702FB

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.



FF6FFF



66FB02



00DDFF

Square

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



66FB02



00FFFF



FFABFF



FF8854

Rectangle

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



66FB02



00FFDE



FFABFF



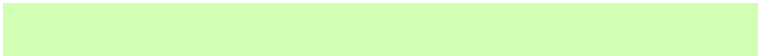
FF56DD

Sweetspot

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



66FB02



D1FFB3



FB9302



648052



000000



808080

Same Dimension

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



66FB02



66FF00



02FB17



757D70



4CBD00



193D00

Inverse Universe

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



9702FB



9900FF



FB02E6



78707D



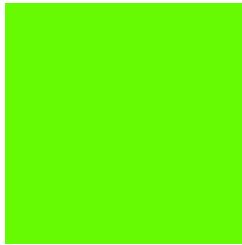
7100BD



25003D

Previews

White Background



This preview shows how the Hex color 66FB02 looks on a white background.

Color Contrast Check

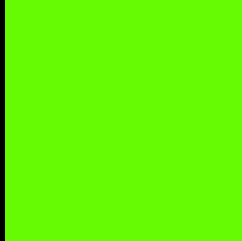
Large Text (above 18pt) WCAG AA × Fail

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 66FB02 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

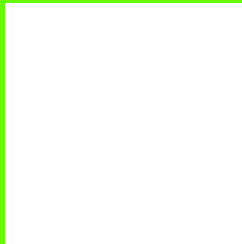
Any Text WCAG AAA ✓ Pass

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

Hex 66FB02 Background



This preview shows how black text looks on a background with the Hex color 66FB02.

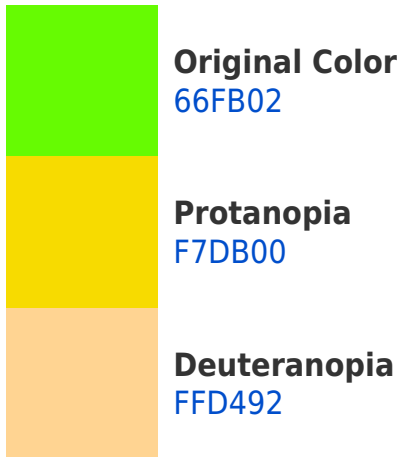


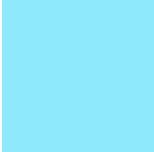
This preview shows how white text looks on a background with the Hex color 66FB02.

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](#).

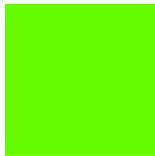
Dichromacy





Tritanopia
8EE9FC

Trichromacy



Original Color
66FB02



Protanomaly
C2E701



Deuteranomaly
C7E25E

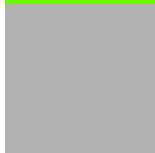


Tritanomaly
7FF0A1

Monochromacy



Original Color
66FB02



Achromatopsia
B2B2B2



Achromatomaly
96CD72

CSS Examples

Text

The CSS property to change the color of the text to Hex 66FB02 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 #66FB02 looks like.

```
.text, #text, p{  
    color:#66FB02  
}
```

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 #66FB02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66FB02
}
```

Border

The CSS property to change the border of an element to Hex 66FB02 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
#66FB02 }
```

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

```
.border{ border-color:#66FB02 }
```

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

Here you see how a box with a 4 pixel #66FB02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66FB02; -webkit-box-shadow:4px 4px  
4px 4px #66FB02; box-shadow:4px 4px 4px  
4px #66FB02 }
```

Background

The CSS property to change the background color of an element to Hex 66FB02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66FB02 }
```

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

```
.background{ background-color:#66FB02 }
```

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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