

Converting Colors

Hex(66F000)

Have a look what the booklet for
Hex(66F000) contains.

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Color

Hex(66F000)

Conversions

Conversions Part 1

Format	Color
Hex	66F000
RGB	102, 240, 0
RGB Percent	40%, 94%, 0%
CMY	0.6000, 0.0588, 1.0000
CMYK	0.57, 0.00, 1.00, 0.06
HSL	94°, 100%, 47%
HSV	94°, 100%, 94%
XYZ	36.6396, 65.1450, 10.6431
YIQ	171.3780, -5.2080, -103.8960

Conversions

Conversions Part 2

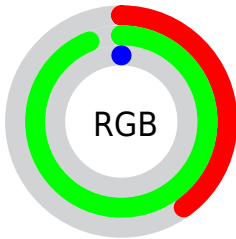
Format	Color
RYB	0, 240, 138
Decimal	6746112
CIELab	84.56, -69.55, 81.25
CIELCh	85, 106.948, 130.564
Yxy	65.1450, 0.3259, 0.5794
Android (android.graphics.Color)	4284936192 (0xFF66F000)
YUV	171.3780, -84.4894, -60.8445
Hunter-Lab	80.7124, -60.2163, 48.6804

Details

The Hex color **66F000** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark saturated chartreuse. A complement of this color would be **8A00F0**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **A6FF5A**, and **00B700** is the 20% darker color. If you saturate the color by 10%, you get **66F000**, and if you desaturate by 10%, it is **74F018**.

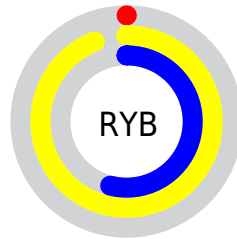
Distribution



Red (40%)

Green (94%)

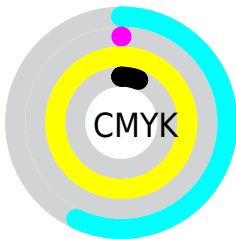
Blue (0%)



Red (0%)

Yellow (94%)

Blue (54%)

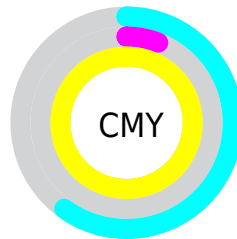


Cyan (57%)

Magenta (0%)

Yellow (100%)

Black (6%)



Cyan (60%)

Magenta (6%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66F000 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 66F000 by changing the saturation by 10% instead.

 66F000

 66F000

FFFFFF

 41D300

 A6FF5A

 00B700

 C6FF78

 009B00

 E5FF96

 008000

 FFFFB3

 006500

 FFFFD1

 004C00

 FFFFEE

 003400

 001900

 000000

 66F000

 74F018

 82F030

 8FF048

 9DF060

 ABF078

 B9F090

 C7F0A8

 D4F0C0

 E2F0D8

Harmonies

Analogous

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



DDDA00



66F000



00FB8B

Triad

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



66F000



00FFFF



FF55B4

Complementary

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



66F000



8A00F0

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.



FF6CFF



66F000



00D4FF

Square

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



66F000



00DFFF



FFA5FF



FF8253

Rectangle

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



66F000



00FFD2



FFA5FF



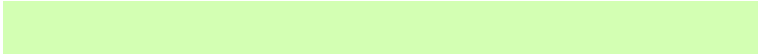
FF54D6

Sweetspot

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



66F000



D3FFB3



F08800



658052



000000



808080

Same Dimension

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



66F000



6CFF00



00F010



71786C



4EB800



183800

Inverse Universe

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



8A00F0



9300FF



F000E0



736C78



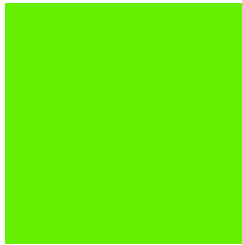
6A00B8



200038

Previews

White Background



This preview shows how the Hex color 66F000 looks on a white background.

Color Contrast Check

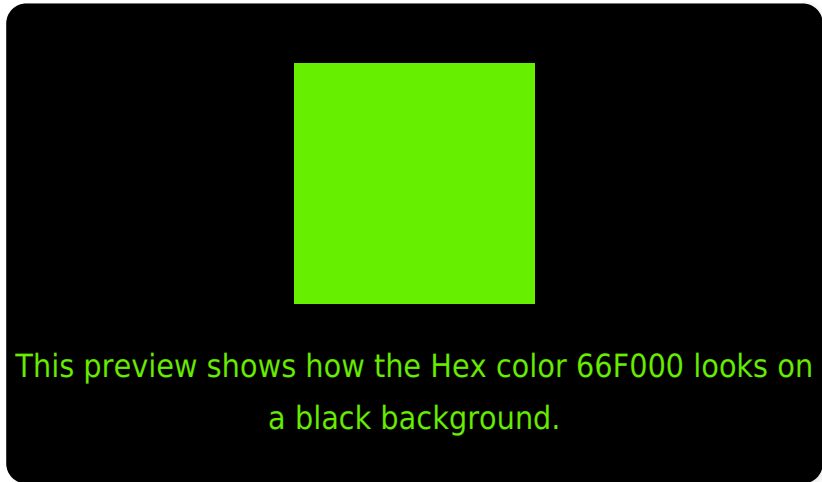
Large Text (above 18pt) WCAG AA × Fail

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

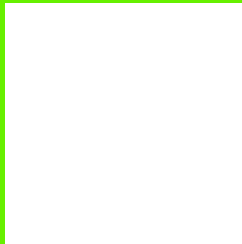
Any Text WCAG AAA ✓ Pass

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

Hex 66F000 Background



This preview shows how black text looks on a background with the Hex color 66F000.

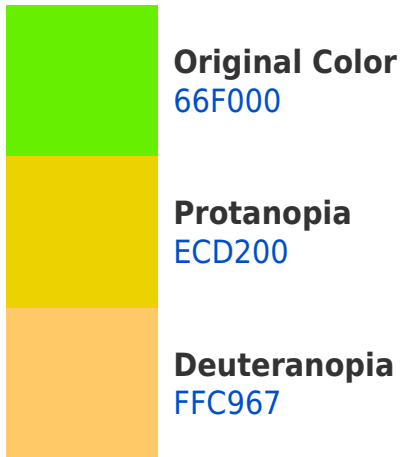


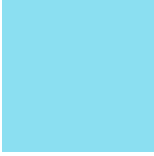
This preview shows how white text looks on a background with the Hex color 66F000.

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](#).

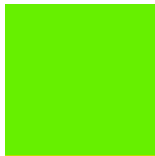
Dichromacy





Tritanopia
8BDFF1

Trichromacy



Original Color
66F000



Protanomaly
BBDD00



Deuteranomaly
C7D742

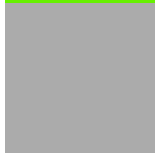


Tritanomaly
7EE599

Monochromacy



Original Color
66F000



Achromatopsia
ABABAB



Achromatomaly
92C46D

CSS Examples

Text

The CSS property to change the color of the text to Hex 66F000 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 #66F000 looks like.

```
.text, #text, p{  
    color:#66F000  
}
```

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 #66F000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66F000
}
```

Border

The CSS property to change the border of an element to Hex 66F000 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
#66F000 }
```

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

```
.border{ border-color:#66F000 }
```

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

Here you see how a box with a 4 pixel #66F000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66F000; -webkit-box-shadow:4px 4px  
4px 4px #66F000; box-shadow:4px 4px 4px  
4px #66F000 }
```

Background

The CSS property to change the background color of an element to Hex 66F000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66F000 }
```

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

```
.background{ background-color:#66F000 }
```

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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