

# Converting Colors

Hex(6FFF66)

Have a look what the booklet for  
Hex(6FFF66) contains.

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**Color**

**Hex(6FFF66)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FFF66
RGB	111, 255, 102
RGB Percent	44%, 100%, 40%
CMY	0.5647, 0.0000, 0.6000
CMYK	0.56, 0.00, 0.60, 0.00
HSL	116°, 100%, 70%
HSV	116°, 60%, 100%
XYZ	44.7138, 75.8588, 24.8559
YIQ	194.5020, -36.7110, -78.1110

# Conversions

## Conversions Part 2

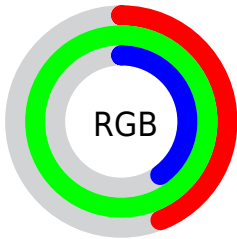
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 255, 246
Decimal	7339878
CIELab	89.79, -67.14, 60.17
CIELCh	90, 90.155, 138.132
Yxy	75.8588, 0.3075, 0.5216
Android (android.graphics.Color)	4285529958 (0xFF6FFF66)
YUV	194.5020, -45.6035, -73.2313
Hunter-Lab	87.0970, -60.7814, 44.0476

# Details

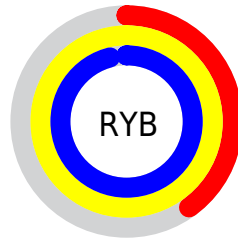
The Hex color **6FFF66** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **F666FF**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **ADFF9D**, and **21C52D** is the 20% darker color. If you saturate the color by 10%, you get **57FF4D**, and if you desaturate by 10%, it is **87FF80**.

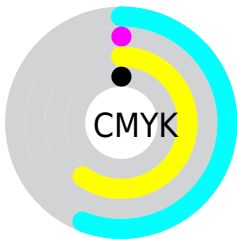
# Distribution



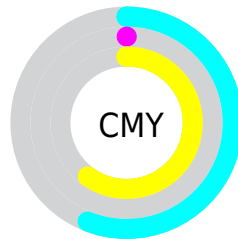
- Red (44%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (96%)



- Cyan (56%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (56%)
- Magenta (0%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FFF66 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 6FFF66 by changing the saturation by 10% instead.



 6FFF66

 6FFF66

FFFFFF

 4DE24A

 ADF9D

 21C52D

 CCFFBA

 00A903

 EBFFD6

 008D00

 FFFFF4

 007300

 005900

 004000

 002700

 000000

 6FFF66

 6FFF66

 57FF4D

 87FF80

 3FFF33

 9FFF99

 27FF19

 B7FFB3

 0FFF00

 CFFFCC

 E7FFE6

FFFFFF

# Harmonies

## Analogous

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



DAED17



6FFF66



00FFBB

# Triad

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



6FFF66



00F6FF



FF8FB1

# Complementary

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



6FFF66



F666FF

# 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.



FF91FF



6FFF66



9AD9FF

# Square

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



6FFF66



00FFFF



FFB3FF



FFAD63

# Rectangle

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



6FFF66



00FFF8



FFB3FF



FF8BCE

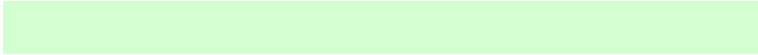


# Sweetspot

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



6FFF66



D4FFD1



FFF566



658063



000000



808080



# Same Dimension

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



6FFF66



52FF47



66FFA8



748073



0BBF00



044000



# Inverse Universe

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



F666FF



F447FF



FF66BD



7F7380



B400BF

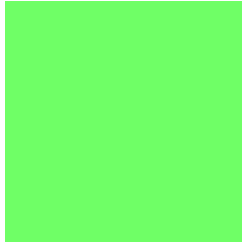


3C0040



# Previews

## White Background



This preview shows how the Hex color 6FFF66 looks on a white background.

## Color Contrast Check

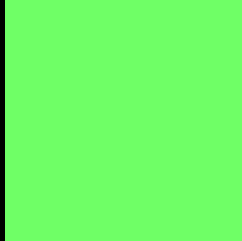
Large Text (above 18pt) WCAG AA × Fail

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 6FFF66 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

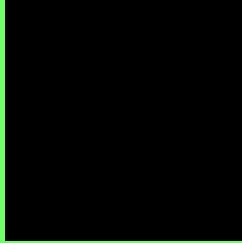
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

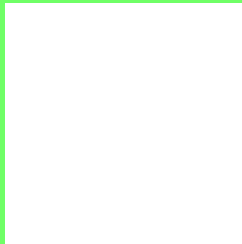
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6FFF66 Background



This preview shows how black text looks on a background with the Hex color 6FFF66.

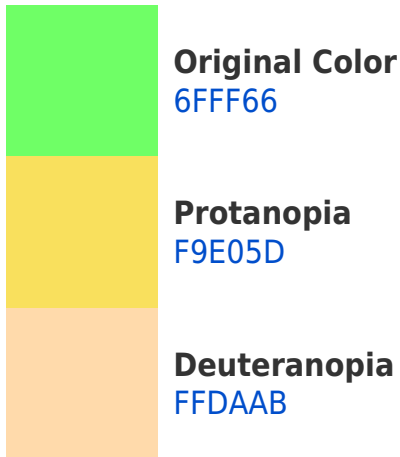


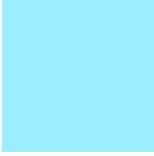
This preview shows how white text looks on a background with the Hex color 6FFF66.

# 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



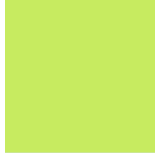


**Tritanopia**  
9CEEFF

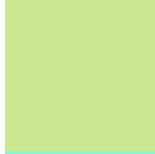
# Trichromacy



**Original Color**  
6FFF66



**Protanomaly**  
C7EB60

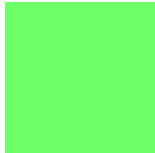


**Deuteranomaly**  
CBE792



**Tritanomaly**  
8CF4C7

# Monochromacy



**Original Color**  
6FFF66



**Achromatopsia**  
C3C3C3



**Achromatomaly**  
A4D9A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FFF66 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 #6FFF66 looks like.

```
.text, #text, p{  
    color:#6FFF66  
}
```

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 #6FFF66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FFF66
}
```

## Border

The CSS property to change the border of an element to Hex 6FFF66 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
#6FFF66 }
```

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

```
.border{ border-color:#6FFF66 }
```

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

Here you see how a box with a 4 pixel #6FFF66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FFF66; -webkit-box-shadow:4px 4px  
4px 4px #6FFF66; box-shadow:4px 4px 4px  
4px #6FFF66 }
```

# Background

The CSS property to change the background color of an element to Hex 6FFF66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FFF66 }
```

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

```
.background{ background-color:#6FFF66 }
```

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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