

# Converting Colors

Hex(6EFF76)

Have a look what the booklet for  
Hex(6EFF76) contains.

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**Color**

**Hex(6EFF76)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EFF76
RGB	110, 255, 118
RGB Percent	43%, 100%, 46%
CMY	0.5686, 0.0000, 0.5373
CMYK	0.57, 0.00, 0.54, 0.00
HSL	123°, 100%, 72%
HSV	123°, 57%, 100%
XYZ	45.4604, 76.1430, 29.4406
YIQ	196.0270, -42.4430, -73.3470

# Conversions

## Conversions Part 2

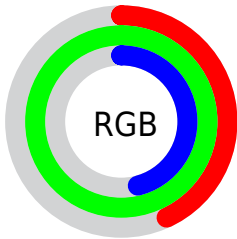
Format	Color
<a href="#">RYB</a>	<a href="#">110, 247, 255</a>
Decimal	<a href="#">7274358</a>
<a href="#">CIELab</a>	<a href="#">89.93, -65.55, 53.30</a>
<a href="#">CIELCh</a>	<a href="#">90, 84.489, 140.885</a>
<a href="#">Yxy</a>	<a href="#">76.1430, 0.3010, 0.5041</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4285464438 (0xFF6EFF76)</a>
<a href="#">YUV</a>	<a href="#">196.0270, -38.4673, -75.4457</a>
<a href="#">Hunter-Lab</a>	<a href="#">87.2600, -59.7106, 41.0781</a>

# Details

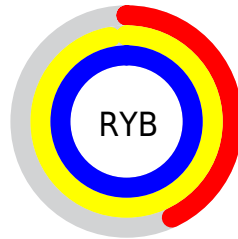
The Hex color **6EFF76** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **FF6EF7**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **ACFFAD**, and **21C540** is the 20% darker color. If you saturate the color by 10%, you get **55FF5E**, and if you desaturate by 10%, it is **88FF8E**.

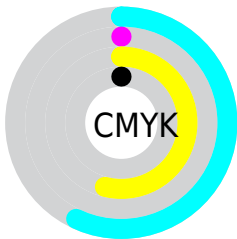
# Distribution



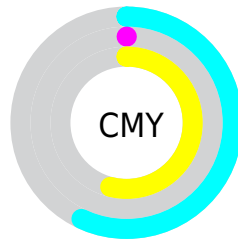
- Red (43%)
- Green (100%)
- Blue (46%)



- Red (43%)
- Yellow (97%)
- Blue (100%)



- Cyan (57%)
- Magenta (0%)
- Yellow (54%)
- Black (0%)



- Cyan (57%)
- Magenta (0%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EFF76 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 6EFF76 by changing the saturation by 10% instead.



 6EFF76

 6EFF76

FFFFFF

 4CE25B

 ACFFAD

 21C540

 CBFFC9

 00A924

 E9FFE6

 008E00

 007300

 005900

 004000

 002800

 000000

 6EFF76

 6EFF76

 55FF5E

 88FF8E

 3BFF46

 A1FFA6

 21FF2E

 BBFFBE

 08FF16

 D4FFD6

 00FF0E

 EEFFEE

FFFFFF

# Harmonies

## Analogous

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



D5EF37



6EFF76



00FFC6

# Triad

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



6EFF76



00F3FF



FF99AD

# Complementary

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



6EFF76



FF6EF7

# 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.



FF97FE



6EFF76



B4D7FF

# Square

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



6EFF76



00FFFF



FFB4FF



FFB566

# Rectangle

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



6EFF76



00FFFE



FFB4FF



FF94C8

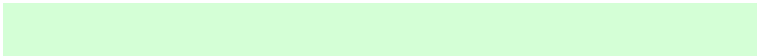


# Sweetspot

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



6EFF76



D4FFD6



F8FF6E



668067



000000



808080



# Same Dimension

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



6EFF76



52FF5B



6EFFBE



738073



00BF0B



004004



# Inverse Universe

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



FF6EF7



FF52F5



FF6EAF



80737F



BF00B5

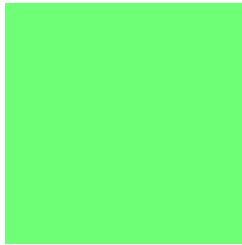


40003C



# Previews

## White Background



This preview shows how the Hex color 6EFF76 looks on a white background.

## Color Contrast Check

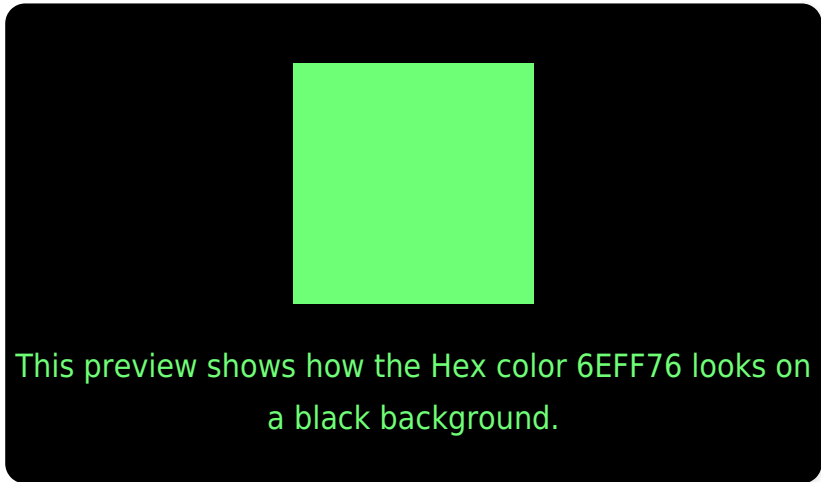
Large Text (above 18pt) WCAG AA × Fail

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

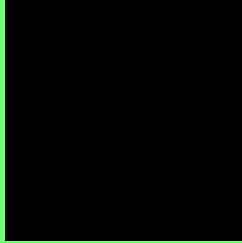
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

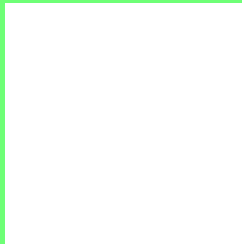
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6EFF76 Background



This preview shows how black text looks on a background with the Hex color 6EFF76.

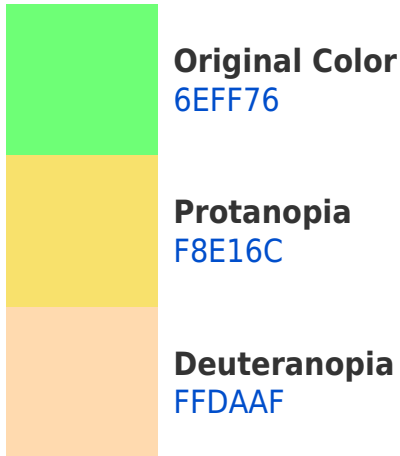


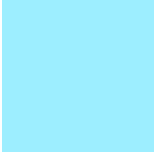
This preview shows how white text looks on a background with the Hex color 6EFF76.

# 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



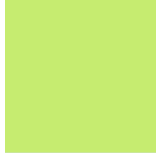


**Tritanopia**  
9DEEFF

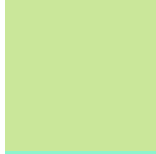
# Trichromacy



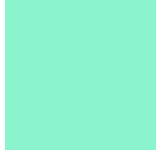
**Original Color**  
6EFF76



**Protanomaly**  
C6EC70

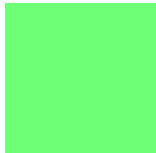


**Deuteranomaly**  
CAE79A

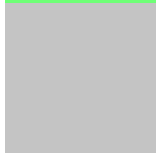


**Tritanomaly**  
8CF4CD

# Monochromacy



**Original Color**  
6EFF76



**Achromatopsia**  
C4C4C4



**Achromatomaly**  
A5D9A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EFF76 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 #6EFF76 looks like.

```
.text, #text, p{  
    color:#6EFF76  
}
```

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 #6EFF76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EFF76
}
```

## Border

The CSS property to change the border of an element to Hex 6EFF76 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
#6EFF76 }
```

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

```
.border{ border-color:#6EFF76 }
```

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

Here you see how a box with a 4 pixel #6EFF76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EFF76; -webkit-box-shadow:4px 4px  
4px 4px #6EFF76; box-shadow:4px 4px 4px  
4px #6EFF76 }
```

# Background

The CSS property to change the background color of an element to Hex 6EFF76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EFF76 }
```

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

```
.background{ background-color:#6EFF76 }
```

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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