

# Converting Colors

Hex(6CFF78)

Have a look what the booklet for  
Hex(6CFF78) contains.

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# **Color**

**Hex(6CFF78)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CFF78
RGB	108, 255, 120
RGB Percent	42%, 100%, 47%
CMY	0.5765, 0.0000, 0.5294
CMYK	0.58, 0.00, 0.53, 0.00
HSL	125°, 100%, 71%
HSV	125°, 58%, 100%
XYZ	45.3345, 76.0642, 30.0618
YIQ	195.6570, -44.2770, -73.1490

# Conversions

## Conversions Part 2

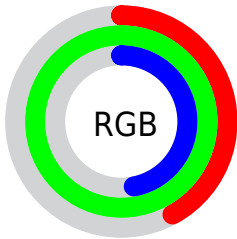
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">108, 244, 255</a>
Decimal	<a href="#">7143288</a>
CIELab	<a href="#">89.89, -65.76, 52.34</a>
CIELCh	<a href="#">90, 84.043, 141.484</a>
Yxy	<a href="#">76.0642, 0.2993, 0.5022</a>
Android (android.graphics.Color)	<a href="#">4285333368 (0xFF6CFF78)</a>
YUV	<a href="#">195.6570, -37.2989, -76.8752</a>
Hunter-Lab	<a href="#">87.2148, -59.8411, 40.6139</a>

# Details

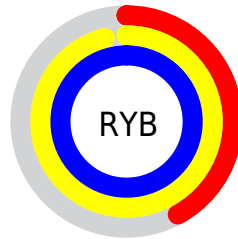
The Hex color **6CFF78** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **FF6CF3**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **AAFFAF**, and **1CC543** is the 20% darker color. If you saturate the color by 10%, you get **53FF61**, and if you desaturate by 10%, it is **86FF8F**.

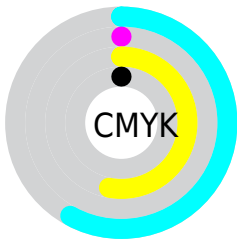
# Distribution



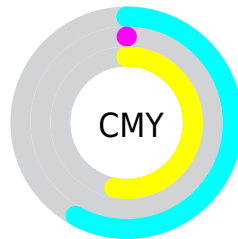
- Red (42%)
- Green (100%)
- Blue (47%)



- Red (42%)
- Yellow (96%)
- Blue (100%)



- Cyan (58%)
- Magenta (0%)
- Yellow (53%)
- Black (0%)



- Cyan (58%)
- Magenta (0%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CFF78 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 6CFF78 by changing the saturation by 10% instead.



 6CFF78

FFFFFF

 AAFFAF

 C9FFCB

 E8FFE8

 6CFF78

 4AE25D

 1CC543

 00A927

 008E00

 007300

 005900

 004000

 002800

 000000

 6CFF78

 6CFF78

 53FF61

 86FF8F

 39FF49

 9FFFA7

 20FF32

 B9FFBE

 06FF1A

 D2FFD6

 00FF15

 ECF FED

FFFFFF

# Harmonies

## Analogous

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



D3EF39



6CFF78



00FFC8

# Triad

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



6CFF78



00F2FF



FF99AC

# Complementary

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



6CFF78



FF6CF3

# 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.



FF97FD



6CFF78



B8D6FF

# Square

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



6CFF78



00FFFF



FFB3FF



FFB665

# Rectangle

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



6CFF78



00FFFF



FFB3FF



FF95C6

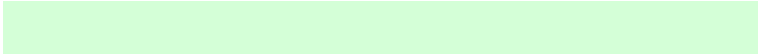


# Sweetspot

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



6CFF78



D4FFD7



F5FF6C



668068



000000



808080



# Same Dimension

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



6CFF78



4FFF5D



6CFFBF



738074



00BF10



004005



# Inverse Universe

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



FF6CF3



FF4FF1



FF6CAC



80737E



BF00B0

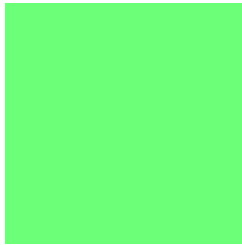


40003B



# Previews

## White Background



This preview shows how the Hex color 6CFF78 looks on a white background.

## Color Contrast Check

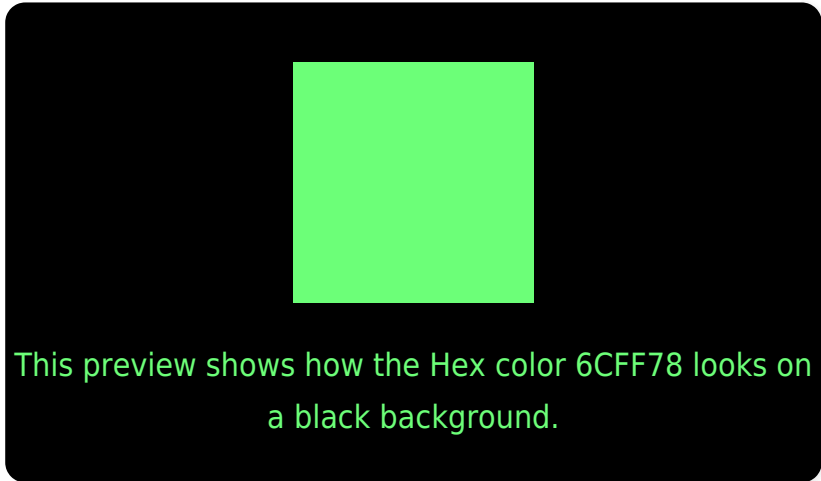
Large Text (above 18pt) WCAG AA × Fail

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 6CFF78 Background



This preview shows how black text looks on a background with the Hex color 6CFF78.

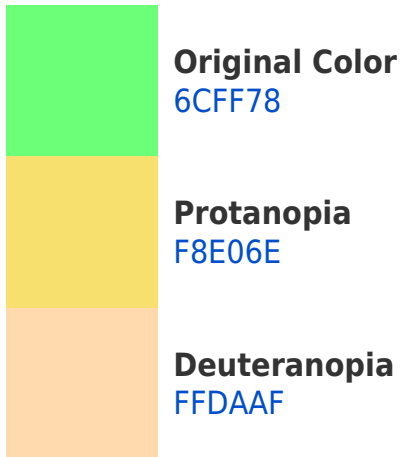


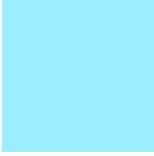
This preview shows how white text looks on a background with the Hex color 6CFF78.

# 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



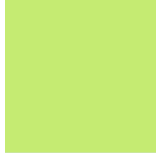


**Tritanopia**  
9CEEFF

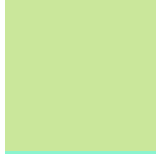
# Trichromacy



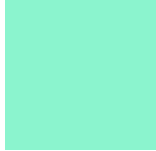
**Original Color**  
6CFF78



**Protanomaly**  
C5EB72

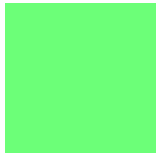


**Deuteranomaly**  
CAE79B

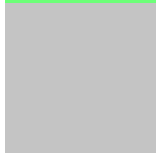


**Tritanomaly**  
8BF4CE

# Monochromacy



**Original Color**  
6CFF78



**Achromatopsia**  
C4C4C4



**Achromatomaly**  
A4D9A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CFF78 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 #6CFF78 looks like.

```
.text, #text, p{  
    color:#6CFF78  
}
```

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 #6CFF78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CFF78
}
```

## Border

The CSS property to change the border of an element to Hex 6CFF78 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
#6CFF78 }
```

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

```
.border{ border-color:#6CFF78 }
```

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

Here you see how a box with a 4 pixel #6CFF78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CFF78; -webkit-box-shadow:4px 4px  
4px 4px #6CFF78; box-shadow:4px 4px 4px  
4px #6CFF78 }
```

# Background

The CSS property to change the background color of an element to Hex 6CFF78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CFF78 }
```

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

```
.background{ background-color:#6CFF78 }
```

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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