

# Converting Colors

Hex(6EFF7E)

Have a look what the booklet for  
Hex(6EFF7E) contains.

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# **Color**

**Hex(6EFF7E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EFF7E
RGB	110, 255, 126
RGB Percent	43%, 100%, 49%
CMY	0.5686, 0.0000, 0.5059
CMYK	0.57, 0.00, 0.51, 0.00
HSL	127°, 100%, 72%
HSV	127°, 57%, 100%
XYZ	45.9563, 76.3414, 32.0519
YIQ	196.9390, -45.0110, -70.8590

# Conversions

## Conversions Part 2

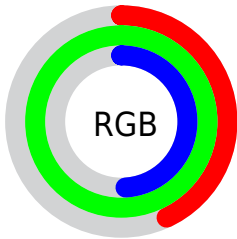
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">110, 241, 255</a>
Decimal	<a href="#">7274366</a>
<a href="#">CIELab</a>	<a href="#">90.02, -64.53, 49.75</a>
<a href="#">CIELCh</a>	<a href="#">90, 81.481, 142.373</a>
<a href="#">Yxy</a>	<a href="#">76.3414, 0.2977, 0.4946</a>
Android (android.graphics.Color)	<a href="#">4285464446</a> (0xFF6EFF7E)
<a href="#">YUV</a>	<a href="#">196.9390, -34.9729, -76.2455</a>
<a href="#">Hunter-Lab</a>	<a href="#">87.3735, -59.0171, 39.4117</a>

# Details

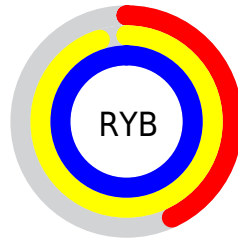
The Hex color **6EFF7E** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **FF6EEF**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **ACFFB5**, and **22C549** is the 20% darker color. If you saturate the color by 10%, you get **55FF67**, and if you desaturate by 10%, it is **88FF95**.

# Distribution



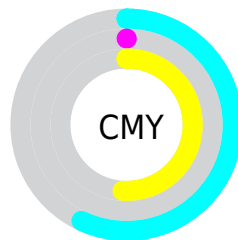
- Red (43%)
- Green (100%)
- Blue (49%)



- Red (43%)
- Yellow (95%)
- Blue (100%)



- Cyan (57%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)



- Cyan (57%)
- Magenta (0%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EFF7E 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 6EFF7E by changing the saturation by 10% instead.



 6EFF7E

 6EFF7E

FFFFFF

 4DE263

 ACFFB5

 22C549

 CAFFD1

 00A92E

 E9FFEE

 008E0F

 007300

 005900

 004000

 002800

 000000

 6EFF7E

 6EFF7E

 55FF67

 88FF95

 3BFF51

 A1FFAB

 21FF3A

 BBFFC2

 08FF23

 D4FFD9

 00FF1C

 EEFFEF

FFFFFF

# Harmonies

## Analogous

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



D2F043



6EFF7E



00FFCB

# Triad

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



6EFF7E



00F1FF



FF9EAC

# Complementary

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



6EFF7E



FF6EEF

# 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.



FF9BFA



6EFF7E



BFD6FF

# Square

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



6EFF7E



00FFFF



FFB4FF



FFB968

# Rectangle

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



6EFF7E



00FFFF



FFB4FF



FF99C5

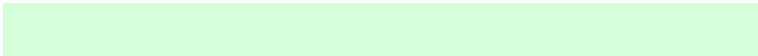


# Sweetspot

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



6EFF7E



D4FFD8



F1FF6E



668069



000000



808080



# Same Dimension

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



6EFF7E



52FF65



6EFFC5



738074



00BF15



004007



# Inverse Universe

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



FF6EEF



FF52EC



FF6EA8



80737E



BF00AA

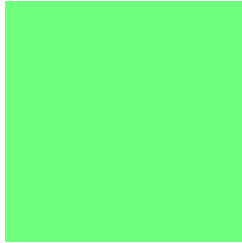


400039



# Previews

## White Background



This preview shows how the Hex color 6EFF7E looks on a white background.

## Color Contrast Check

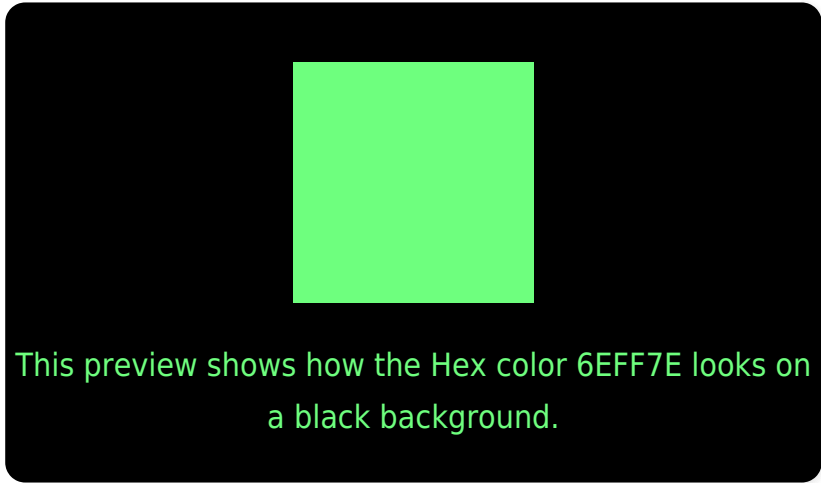
Large Text (above 18pt) WCAG AA × Fail

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 6EFF7E Background



This preview shows how black text looks on a background with the Hex color 6EFF7E.

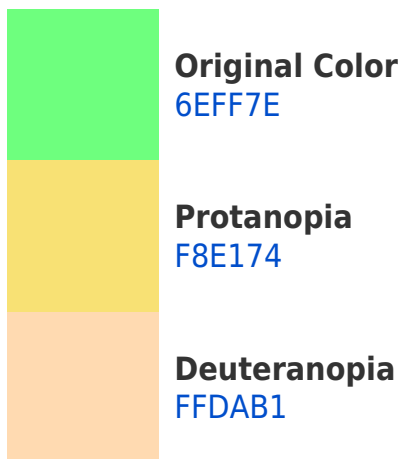


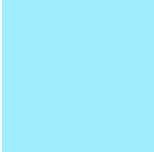
This preview shows how white text looks on a background with the Hex color 6EFF7E.

# 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](#).

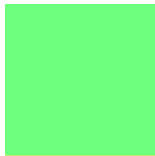
## Dichromacy



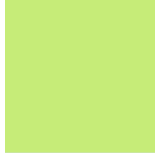


**Tritanopia**  
9EEFF

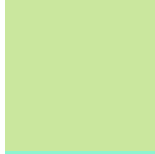
# Trichromacy



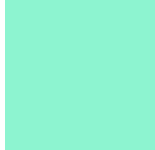
**Original Color**  
6EFF7E



**Protanomaly**  
C6EC78



**Deuteranomaly**  
CAE79E

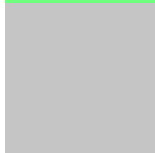


**Tritanomaly**  
8DF4D0

# Monochromacy



**Original Color**  
6EFF7E



**Achromatopsia**  
C5C5C5



**Achromatomaly**  
A5DAAB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EFF7E 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 #6EFF7E looks like.

```
.text, #text, p{  
    color:#6EFF7E  
}
```

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 #6EFF7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EFF7E
}
```

## Border

The CSS property to change the border of an element to Hex 6EFF7E 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
#6EFF7E }
```

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

```
.border{ border-color:#6EFF7E }
```

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

Here you see how a box with a 4 pixel #6EFF7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EFF7E; -webkit-box-shadow:4px 4px  
4px 4px #6EFF7E; box-shadow:4px 4px 4px  
4px #6EFF7E }
```

# Background

The CSS property to change the background color of an element to Hex 6EFF7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EFF7E }
```

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

```
.background{ background-color:#6EFF7E }
```

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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