

# Converting Colors

Hex(6EF67E)

Have a look what the booklet for  
Hex(6EF67E) contains.

<b>Hex(6EF67E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(6EF67E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EF67E
RGB	110, 246, 126
RGB Percent	43%, 96%, 49%
CMY	0.5686, 0.0353, 0.5059
CMYK	0.55, 0.00, 0.49, 0.04
HSL	127°, 88%, 70%
HSV	127°, 55%, 96%
XYZ	43.1521, 70.7329, 31.1171
YIQ	191.6560, -42.5360, -66.1520

# Conversions

## Conversions Part 2

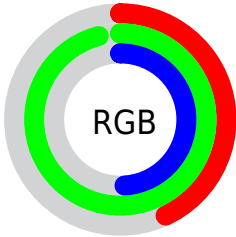
Format	Color
<a href="#">RYB</a>	<a href="#">110, 232, 246</a>
Decimal	<a href="#">7272062</a>
CIELab	<a href="#">87.36, -61.21, 46.46</a>
CIElCh	<a href="#">87, 76.843, 142.799</a>
Yxy	<a href="#">70.7329, 0.2976, 0.4878</a>
Android (android.graphics.Color)	<a href="#">4285462142 (0xFF6EF67E)</a>
YUV	<a href="#">191.6560, -32.3684, -71.6123</a>
Hunter-Lab	<a href="#">84.1028, -55.5940, 36.9353</a>

# Details

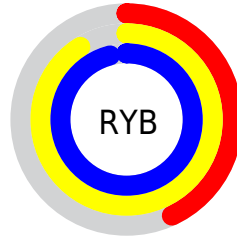
The Hex color **6EF67E** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **F66EE6**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **ABFFB5**, and **26BD4A** is the 20% darker color. If you saturate the color by 10%, you get **55F668**, and if you desaturate by 10%, it is **87F694**.

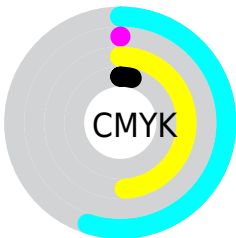
# Distribution



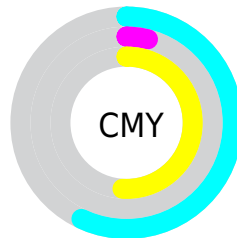
- Red (43%)
- Green (96%)
- Blue (49%)



- Red (43%)
- Yellow (91%)
- Blue (96%)



- Cyan (55%)
- Magenta (0%)
- Yellow (49%)
- Black (4%)



- Cyan (57%)
- Magenta (4%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EF67E 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 6EF67E by changing the saturation by 10% instead.



 6EF67E

 6EF67E

FFFFFF

 4ED964


 ABFFB5

 26BD4A

 C9FFD1

 00A130

 E7FFEE

 008613

 006B00

 005200

 003900

 002100

 000000

 6EF67E

 6EF67E

 55F668

 87F694

 3DF653

 9FF6A9

 24F63D

 B8F6BF

 0CF627

 D0F6D5

 00F61D

 E9F6EB

 FFF6FF

# Harmonies

## Analogous

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



CBE848



6EF67E



00FDC6

# Triad

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



6EF67E



00E8FF



FF9CA7

# Complementary

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



6EF67E



F66EE6

# 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.



FF99F0



6EF67E



BDCFFF

# Square

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



6EF67E



00F8FF



FFB0FF



FFB467

# Rectangle

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



6EF67E



00FEF9



FFB0FF



FF98BE

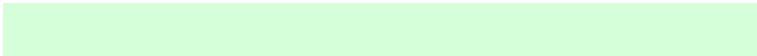


# Sweetspot

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



6EF67E



D4FFD9



E6F66E



668069



000000



808080



# Same Dimension

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



6EF67E



57FF6A



6EF6C2



6E7A70



00BA16



003B07



# Inverse Universe

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



F66EE6



FF57EB



F66EA2



7A6E79



BA00A4

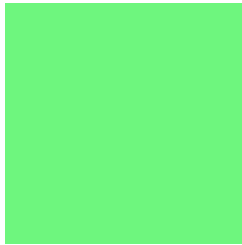


3B0034



# Previews

## White Background



This preview shows how the Hex color 6EF67E looks on a white background.

## Color Contrast Check

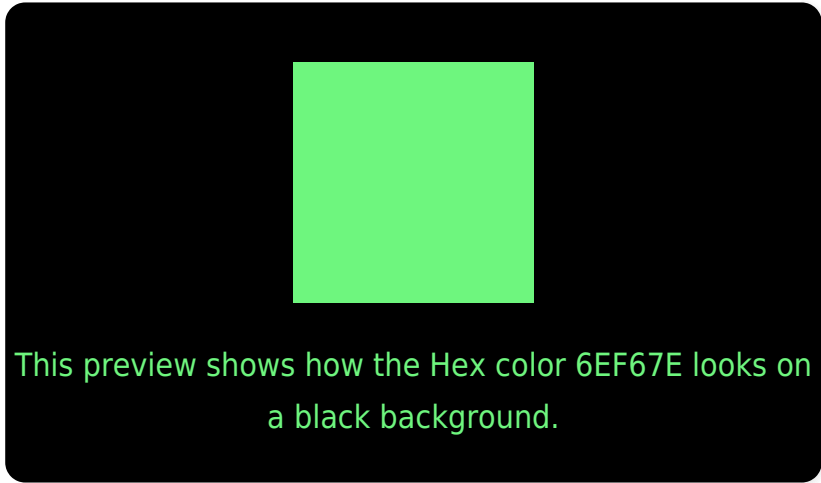
Large Text (above 18pt) WCAG AA × Fail

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

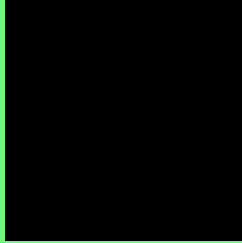
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

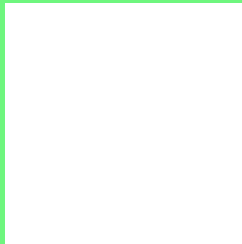
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6EF67E Background



This preview shows how black text looks on a background with the Hex color 6EF67E.

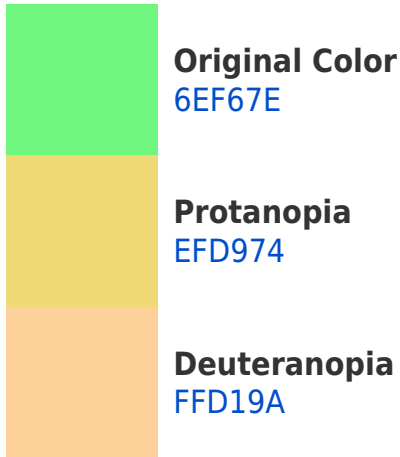


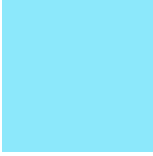
This preview shows how white text looks on a background with the Hex color 6EF67E.

# 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



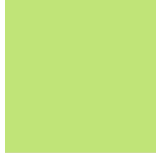


**Tritanopia**  
8CE8FB

# Trichromacy



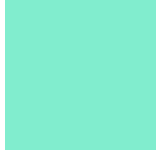
**Original Color**  
6EF67E



**Protanomaly**  
C0E478

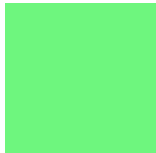


**Deuteranomaly**  
CADE90

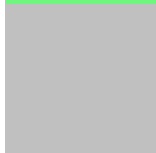


**Tritanomaly**  
81EDCE

# Monochromacy



**Original Color**  
6EF67E



**Achromatopsia**  
C0C0C0



**Achromatomaly**  
A2D4A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EF67E 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 #6EF67E looks like.

```
.text, #text, p{  
    color:#6EF67E  
}
```

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 #6EF67E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EF67E
}
```

## Border

The CSS property to change the border of an element to Hex 6EF67E 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
#6EF67E }
```

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

```
.border{ border-color:#6EF67E }
```

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

Here you see how a box with a 4 pixel #6EF67E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EF67E; -webkit-box-shadow:4px 4px  
4px 4px #6EF67E; box-shadow:4px 4px 4px  
4px #6EF67E }
```

# Background

The CSS property to change the background color of an element to Hex 6EF67E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EF67E }
```

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

```
.background{ background-color:#6EF67E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor