

# Converting Colors

Hex(67CFAE)

Have a look what the booklet for  
Hex(67CFAE) contains.

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# Color

Hex(67CFAE)

# Conversions

## Conversions Part 1

Format	Color
Hex	67CFAE
RGB	103, 207, 174
RGB Percent	40%, 81%, 68%
CMY	0.5961, 0.1882, 0.3176
CMYK	0.50, 0.00, 0.16, 0.19
HSL	161°, 52%, 61%
HSV	161°, 50%, 81%
XYZ	35.5463, 50.5652, 47.9310
YIQ	172.1420, -51.3910, -32.3110

# Conversions

## Conversions Part 2

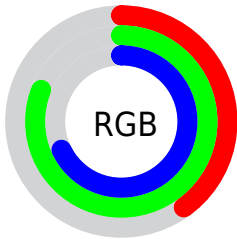
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 165, 207
Decimal	6803374
CIELab	76.41, -38.10, 7.19
CIElCh	76, 38.776, 169.308
Yxy	50.5652, 0.2652, 0.3772
Android (android.graphics.Color)	4284993454 (0xFF67CFAE)
YUV	172.1420, 0.9160, -60.6375
Hunter-Lab	71.1092, -35.2119, 9.8122

# Details

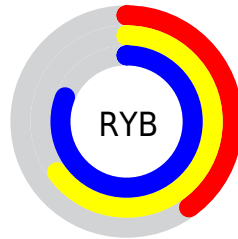
The Hex color **67CFAE** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CF6788**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **A0FFE5**, and **29987A** is the 20% darker color. If you saturate the color by 10%, you get **52CFA7**, and if you desaturate by 10%, it is **7CCFB5**.

# Distribution



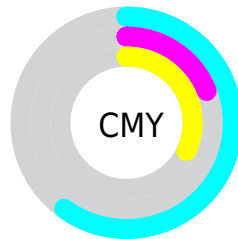
- Red (40%)
- Green (81%)
- Blue (68%)



- Red (40%)
- Yellow (65%)
- Blue (81%)



- Cyan (50%)
- Magenta (0%)
- Yellow (16%)
- Black (19%)



- Cyan (60%)
- Magenta (19%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67CFAE 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 67CFAE by changing the saturation by 10% instead.



 67CFAE

 67CFAE

FFFFFF

 4AB393

 A0FFE5

 29987A

 BDFFFF

 007E61

 DAFFFF

 006449

 F8FFFF

 004B33

 00341D

 001F05

 000000

 67CFAE

 67CFAE

 52CFA7

 7CCFB5

 3ECFA1

 90CFB5

 29CF9A

 A5CFC2

 14CF94

 BACFC8

 00CF8D

 CFCFCF

 E3CFD5

 F8CFDC

 FFCFE3

 FFCFE9

# Harmonies

## Analogous

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



94CA8D



67CFAE



3AD0D3

# Triad

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



67CFAE



AEB8FF



F9AA88

# Complementary

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



67CFAE



CF6788

# 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.



FFA2A7



67CFAE



DDABEC

# Square

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



67CFAE



74C4FF



FAA2CB



E0B676

# Rectangle

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



67CFAE



32CEE9



FAA2CB



FEA691

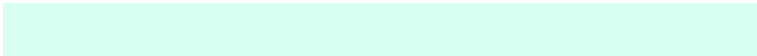


# Sweetspot

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



67CFAE



D9FFF3



8ACF67



698078



000000



808080



# Same Dimension

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



67CFAE



66FFCE



67BECF



5E6965



00A873



00291C



# Inverse Universe

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



CF6788



FF6697



CF7867



695E61



A80035

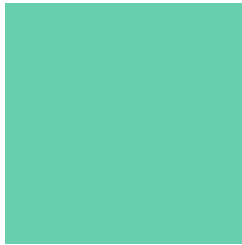


29000D



# Previews

## White Background



This preview shows how the Hex color 67CFAE 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 67CFAE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

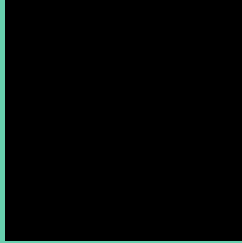
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 67CFAE Background



This preview shows how black text looks on a background with the Hex color 67CFAE.

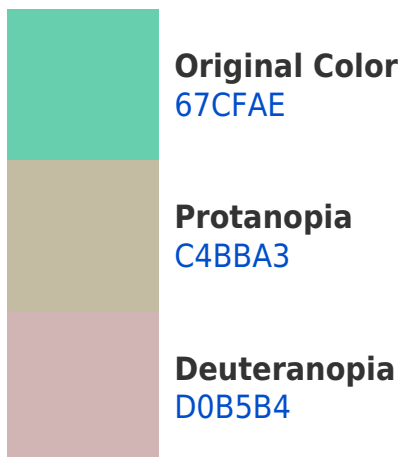


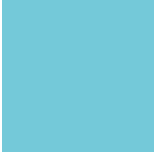
This preview shows how white text looks on a background with the Hex color 67CFAE.

# 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](#).

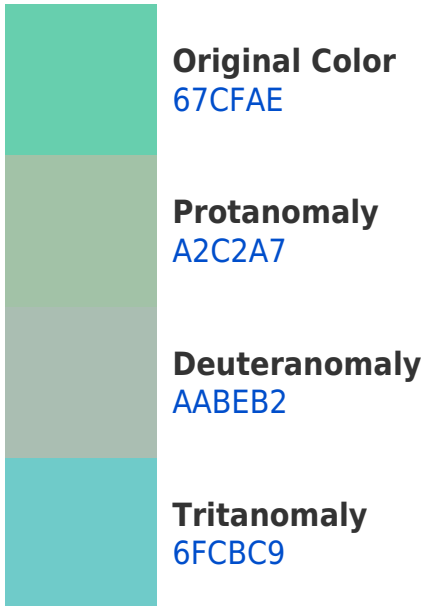
## Dichromacy



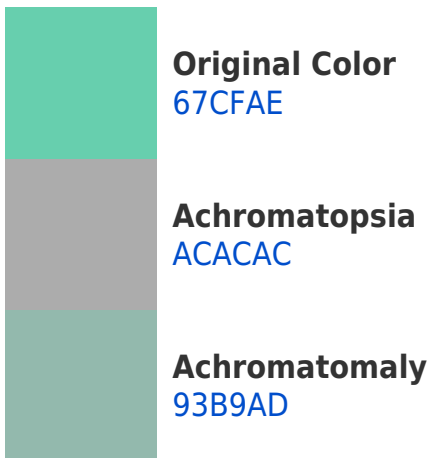


**Tritanopia**  
74C9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67CFAE 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 #67CFAE looks like.

```
.text, #text, p{  
    color:#67CFAE  
}
```

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 #67CFAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67CFAE
}
```

## Border

The CSS property to change the border of an element to Hex 67CFAE 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
#67CFAE }
```

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

```
.border{ border-color:#67CFAE }
```

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

Here you see how a box with a 4 pixel #67CFAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67CFAE; -webkit-box-shadow:4px 4px  
4px 4px #67CFAE; box-shadow:4px 4px 4px  
4px #67CFAE }
```

# Background

The CSS property to change the background color of an element to Hex 67CFAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67CFAE }
```

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

```
.background{ background-color:#67CFAE }
```

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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