

# Converting Colors

Hex(67EDB7)

Have a look what the booklet for  
Hex(67EDB7) contains.

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**Color**

**Hex(67EDB7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67EDB7
RGB	103, 237, 183
RGB Percent	40%, 93%, 72%
CMY	0.5961, 0.0706, 0.2824
CMYK	0.57, 0.00, 0.23, 0.07
HSL	156°, 79%, 67%
HSV	156°, 57%, 93%
XYZ	44.4249, 66.8708, 55.3657
YIQ	190.7780, -62.5300, -45.2020

# Conversions

## Conversions Part 2

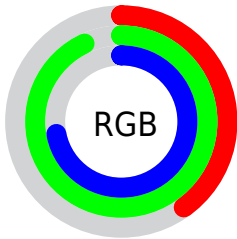
Format	Color
<a href="#">RYB</a>	<a href="#">103, 187, 237</a>
Decimal	<a href="#">6811063</a>
CIELab	<a href="#">85.44, -49.20, 15.26</a>
CIELCh	<a href="#">85, 51.517, 162.769</a>
Yxy	<a href="#">66.8708, 0.2666, 0.4012</a>
Android (android.graphics.Color)	<a href="#">4285001143 (0xFF67EDB7)</a>
YUV	<a href="#">190.7780, -3.8346, -76.9813</a>
Hunter-Lab	<a href="#">81.7746, -46.1334, 17.0998</a>

# Details

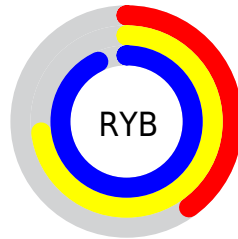
The Hex color **67EDB7** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **ED679D**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **A3FFEF**, and **1DB482** is the 20% darker color. If you saturate the color by 10%, you get **4FEDAD**, and if you desaturate by 10%, it is **7FEDC1**.

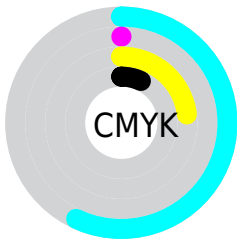
# Distribution



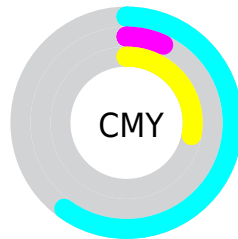
- Red (40%)
- Green (93%)
- Blue (72%)



- Red (40%)
- Yellow (73%)
- Blue (93%)



- Cyan (57%)
- Magenta (0%)
- Yellow (23%)
- Black (7%)



- Cyan (60%)
- Magenta (7%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67EDB7 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 67EDB7 by changing the saturation by 10% instead.



 67EDB7

 67EDB7

FFFFFF

 47D09C

 A3FFEF

 1DB482

 C1FFFF

 009969

 DFFFFFF

 007E50

FEFFFF

 006439

 004B23

 00330E

 001C00

 000000

 67EDB7

 67EDB7

 4FEDAD

 7FEDC1

 38EDA4

 96EDCA

 20ED9A

 AEEDD4

 08ED91

 C6EDDD

 00ED8D

 DDEDE7

 F5EDF0

 FFEDFA

 FFEDFF

# Harmonies

## Analogous

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



AAE68C



67EDB7



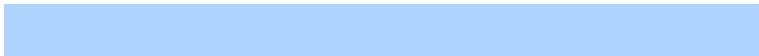
00EFE9

# Triad

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



67EDB7



AED3FF



FFB896

# Complementary

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



67EDB7



ED679D

# 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.



FFAEC2



67EDB7



F5C1FF

# Square

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



67EDB7



45E3FF



FFB2F4



FFC978

# Rectangle

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



67EDB7



00EEFF



FFB2F4



FFB4A3

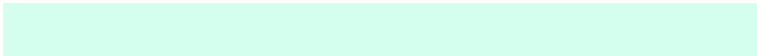


# Sweetspot

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



67EDB7



D4FFEE



9FED67



668075



000000



808080



# Same Dimension

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



67EDB7



52FFB9



67E2ED



6A7571



00B56C



003620



# Inverse Universe

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



ED679D



FF5297



ED7267



756A6E



B50049

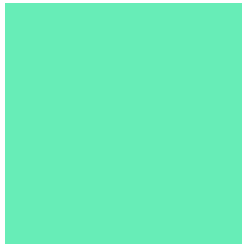


360016



# Previews

## White Background



This preview shows how the Hex color 67EDB7 looks on a white background.

## Color Contrast Check

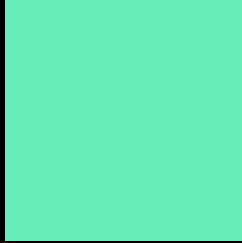
Large Text (above 18pt) WCAG AA × Fail

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 67EDB7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

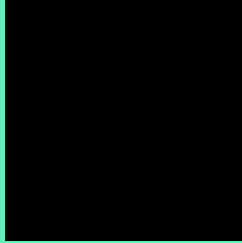
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 67EDB7 Background



This preview shows how black text looks on a background with the Hex color 67EDB7.

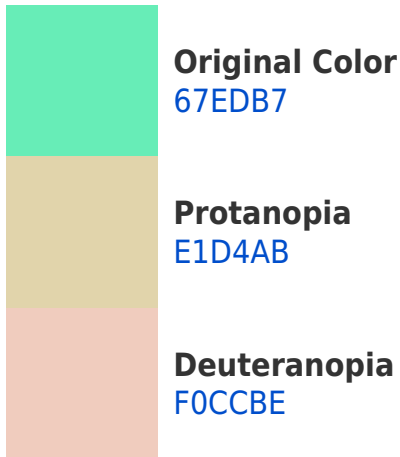


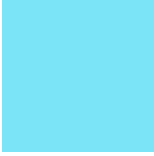
This preview shows how white text looks on a background with the Hex color 67EDB7.

# 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



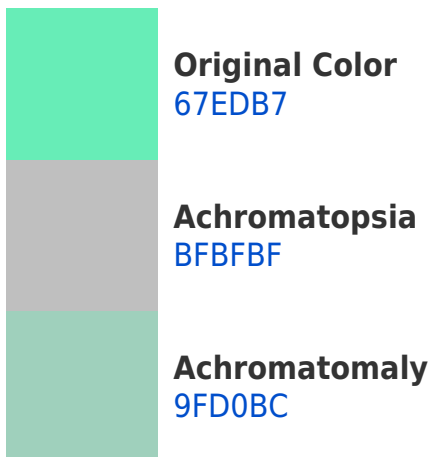


**Tritanopia**  
7BE4F7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67EDB7 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 #67EDB7 looks like.

```
.text, #text, p{  
    color:#67EDB7  
}
```

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 #67EDB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67EDB7  
}
```

## Border

The CSS property to change the border of an element to Hex 67EDB7 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  
#67EDB7 }
```

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

```
.border{ border-color:#67EDB7 }
```

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

Here you see how a box with a 4 pixel #67EDB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67EDB7; -webkit-box-shadow:4px 4px  
4px 4px #67EDB7; box-shadow:4px 4px 4px  
4px #67EDB7 }
```

# Background

The CSS property to change the background color of an element to Hex 67EDB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67EDB7 }
```

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

```
.background{ background-color:#67EDB7 }
```

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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