

# Converting Colors

Hex(67CEC4)

Have a look what the booklet for  
Hex(67CEC4) contains.

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# Color

**Hex(67CEC4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67CEC4
RGB	103, 206, 196
RGB Percent	40%, 81%, 77%
CMY	0.5961, 0.1922, 0.2314
CMYK	0.50, 0.00, 0.05, 0.19
HSL	174°, 51%, 61%
HSV	174°, 50%, 81%
XYZ	37.6286, 51.0117, 60.0876
YIQ	174.0630, -58.1780, -24.9460

# Conversions

## Conversions Part 2

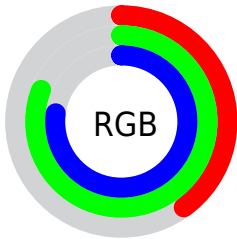
Format	Color
<a href="#">RYB</a>	<a href="#">103, 157, 206</a>
Decimal	<a href="#">6803140</a>
CIELab	<a href="#">76.69, -32.37, -4.24</a>
CIELCh	<a href="#">77, 32.648, 187.470</a>
Yxy	<a href="#">51.0117, 0.2530, 0.3430</a>
Android (android.graphics.Color)	<a href="#">4284993220 (0xFF67CEC4)</a>
YUV	<a href="#">174.0630, 10.8149, -62.3223</a>
Hunter-Lab	<a href="#">71.4225, -30.9474, 0.1152</a>

# Details

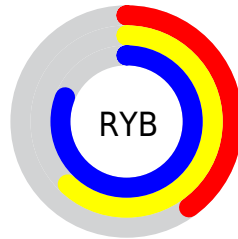
The Hex color **67CEC4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CE6771**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **A1FFFD**, and **27978E** is the 20% darker color. If you saturate the color by 10%, you get **52CEC2**, and if you desaturate by 10%, it is **7CCEC6**.

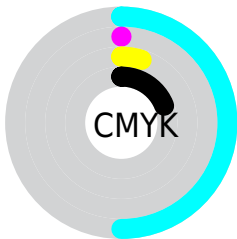
# Distribution



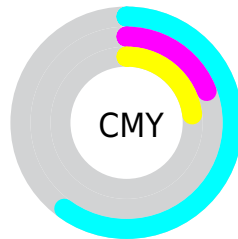
- Red (40%)
- Green (81%)
- Blue (77%)



- Red (40%)
- Yellow (62%)
- Blue (81%)



- Cyan (50%)
- Magenta (0%)
- Yellow (5%)
- Black (19%)



- Cyan (60%)
- Magenta (19%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67CEC4 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 67CEC4 by changing the saturation by 10% instead.





67CEC4



67CEC4

FFFFFF



49B2A9



A1FFFD



27978E



BEFFFF



007D75



DBFFFF



00645C



F9FFFF



004B45



00342F



00201A



000000



67CEC4



67CEC4

52CEC2

7CCEC6

3ECEC0

90CEC8

29CEBE

A5CECA

15CEBC

B9CECC

00CEBA

CECECE

E3CED0

F7CED2

FFCED4

FFCED6

# Harmonies

## Analogous

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



87CCA5



67CEC4



5CCCE1

# Triad

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



67CEC4



CBB3ED



E6B486

# Complementary

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



67CEC4



CE6771

# 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.



F7AB9A



67CEC4



EAAAD5

# Square

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



67CEC4



A1BEF9



F9A7B7



CBBE81

# Rectangle

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



67CEC4



6AC9EF



F9A7B7



EDB08B

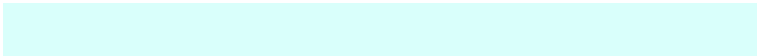


# Sweetspot

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



67CEC4



D9FFFB



71CE67



69807D



000000



808080



# Same Dimension

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



67CEC4



66FFF0



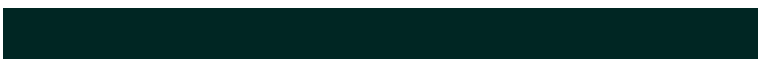
67A5CE



5C6665



00A696



002623



# Inverse Universe

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



CE6771



FF6675



CE9067



665C5D



A60010

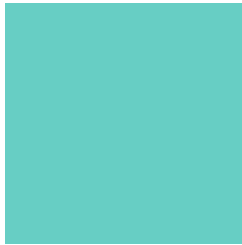


260004



# Previews

## White Background



This preview shows how the Hex color 67CEC4 looks on a white background.

## Color Contrast Check

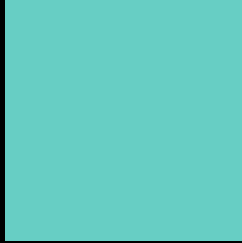
Large Text (above 18pt) WCAG AA × Fail

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 67CEC4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

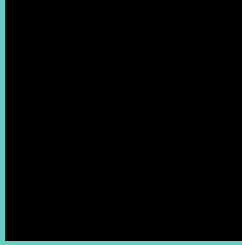
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

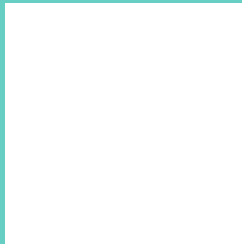
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 67CEC4 Background



This preview shows how black text looks on a background with the Hex color 67CEC4.

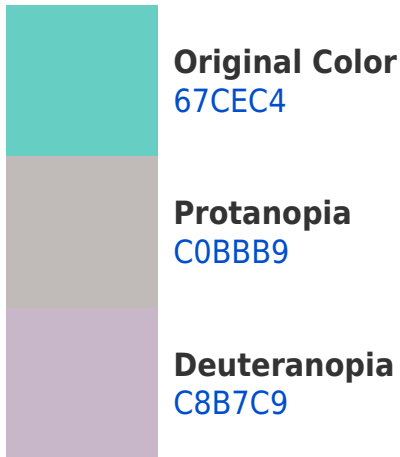


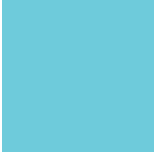
This preview shows how white text looks on a background with the Hex color 67CEC4.

# 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](#).

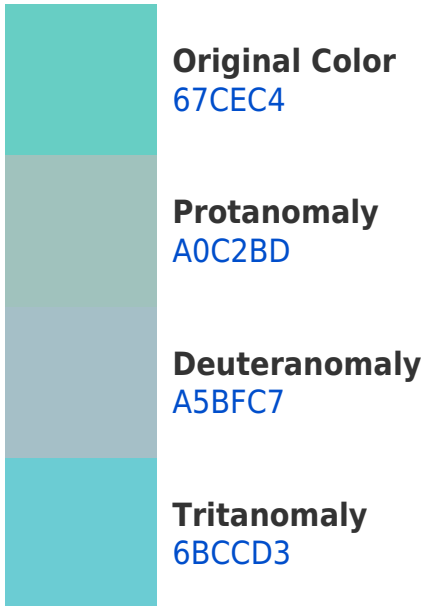
## Dichromacy





**Tritanopia**  
6ECBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67CEC4 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 #67CEC4 looks like.

```
.text, #text, p{  
    color:#67CEC4  
}
```

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 #67CEC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67CEC4
}
```

## Border

The CSS property to change the border of an element to Hex 67CEC4 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
#67CEC4 }
```

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

```
.border{ border-color:#67CEC4 }
```

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

Here you see how a box with a 4 pixel #67CEC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67CEC4; -webkit-box-shadow:4px 4px  
4px 4px #67CEC4; box-shadow:4px 4px 4px  
4px #67CEC4 }
```

# Background

The CSS property to change the background color of an element to Hex 67CEC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67CEC4 }
```

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

```
.background{ background-color:#67CEC4 }
```

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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