

# Converting Colors

Hex(67BCB2)

Have a look what the booklet for  
Hex(67BCB2) contains.

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**Color**

**Hex(67BCB2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67BCB2
RGB	103, 188, 178
RGB Percent	40%, 74%, 70%
CMY	0.5961, 0.2627, 0.3020
CMYK	0.45, 0.00, 0.05, 0.26
HSL	173°, 39%, 57%
HSV	173°, 45%, 74%
XYZ	31.6126, 42.0644, 48.5726
YIQ	161.4450, -47.4500, -21.1300

# Conversions

## Conversions Part 2

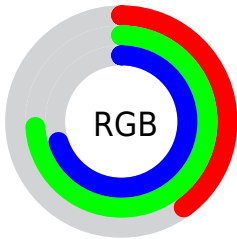
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 148, 188
Decimal	6798514
CIELab	70.92, -28.21, -2.96
CIELCh	71, 28.364, 185.998
Yxy	42.0644, 0.2586, 0.3441
Android (android.graphics.Color)	4284988594 (0xFF67BCB2)
YUV	161.4450, 8.1616, -51.2563
Hunter-Lab	64.8570, -26.4953, 0.9966

# Details

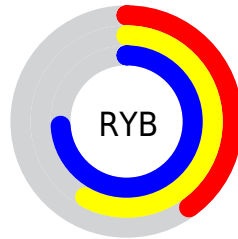
The Hex color **67BCB2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BC6771**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **9FF5EA**, and **2D867D** is the 20% darker color. If you saturate the color by 10%, you get **54BCB0**, and if you desaturate by 10%, it is **7ABCB4**.

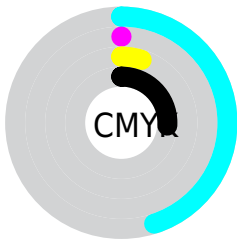
# Distribution



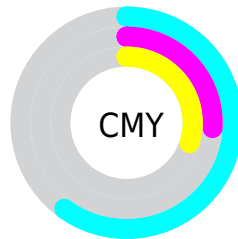
- Red (40%)
- Green (74%)
- Blue (70%)



- Red (40%)
- Yellow (58%)
- Blue (74%)



- Cyan (45%)
- Magenta (0%)
- Yellow (5%)
- Black (26%)



- Cyan (60%)
- Magenta (26%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67BCB2 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 67BCB2 by changing the saturation by 10% instead.



 67BCB2

 67BCB2

FFFFFF

 4BA197

 9FF5EA

 2D867D

 BBFFFF

 026D65

 D8FFFF

 00544D

 F6FFFF

 003C36

 002621

 00070A

 000000

 67BCB2

 67BCB2

 54BCB0

 7ABCB4

 41BCAE

 8DBC B6

 2FBCAB

 9FBCB9

 1CBCA9

 B2BCBB

 09BCA7

 C5BCBD

 00BCA6

 D8BCBF

 EBBCC1

 FDBCC4

 FFBC C6

# Harmonies

## Analogous

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



81BA98



67BCB2



5EBBCB

# Triad

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



67BCB2



B8A5D7



D2A57F

# Complementary

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



67BCB2



BC6771

# 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.



E09D90



67BCB2



D39DC3

# Square

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



67BCB2



94AEE1



E19AA9



BBAE7A

# Rectangle

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



67BCB2



68B8D8



E19AA9



D8A284



# Sweetspot

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



67BCB2



D3F5F1



72BC67



667A78



FAFAFA



7A7A7A



# Same Dimension

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



67BCB2



71F5E5



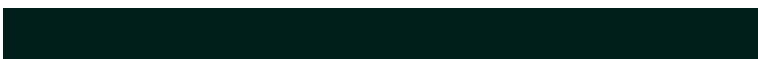
679DBC



555E5D



009E8B



001F1B



# Inverse Universe

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



BC6771



F57180



BC8667



5E5556



9E0013

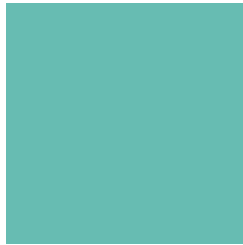


1F0004



# Previews

## White Background



This preview shows how the Hex color 67BCB2 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 67BCB2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

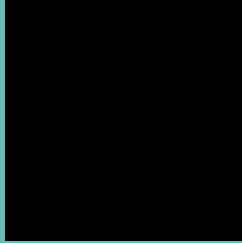
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

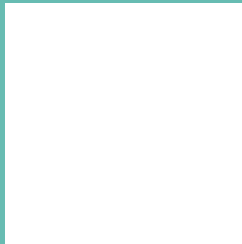
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 67BCB2 Background



This preview shows how black text looks on a background with the Hex color 67BCB2.

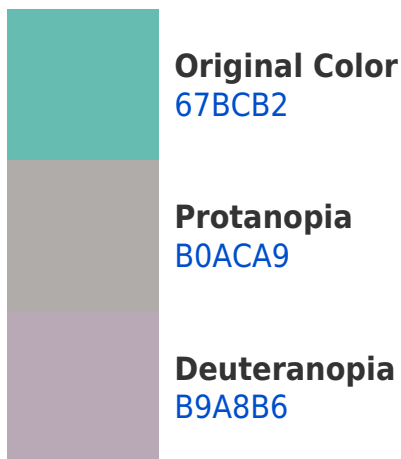


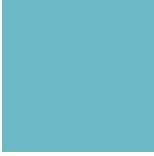
This preview shows how white text looks on a background with the Hex color 67BCB2.

# 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](#).

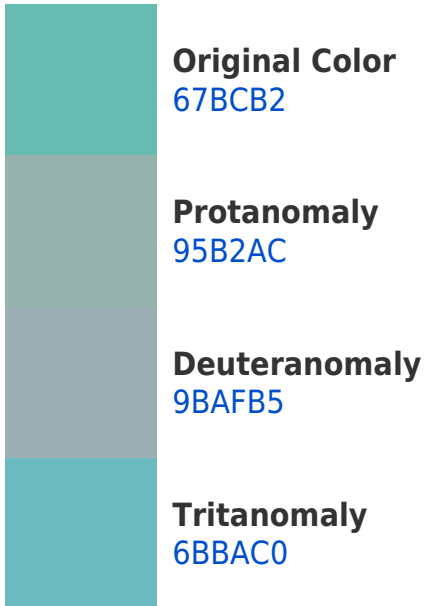
## Dichromacy



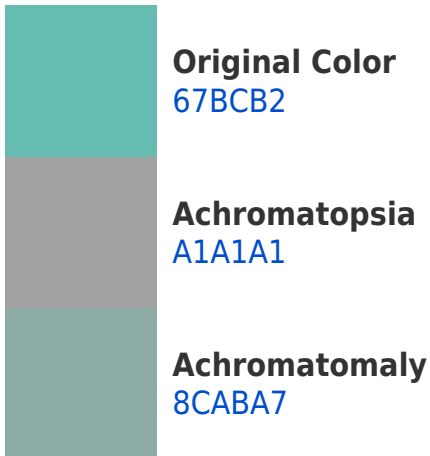


**Tritanopia**  
6DB9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67BCB2 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 #67BCB2 looks like.

```
.text, #text, p{  
    color:#67BCB2  
}
```

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 #67BCB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67BCB2
}
```

## Border

The CSS property to change the border of an element to Hex 67BCB2 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
#67BCB2 }
```

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

```
.border{ border-color:#67BCB2 }
```

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

Here you see how a box with a 4 pixel #67BCB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67BCB2; -webkit-box-shadow:4px 4px  
4px 4px #67BCB2; box-shadow:4px 4px 4px  
4px #67BCB2 }
```

# Background

The CSS property to change the background color of an element to Hex 67BCB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67BCB2 }
```

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

```
.background{ background-color:#67BCB2 }
```

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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