

# Converting Colors

Hex(67B3BB)

Have a look what the booklet for  
Hex(67B3BB) contains.

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# **Color**

**Hex(67B3BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67B3BB
RGB	103, 179, 187
RGB Percent	40%, 70%, 73%
CMY	0.5961, 0.2980, 0.2667
CMYK	0.45, 0.04, 0.00, 0.27
HSL	186°, 38%, 57%
HSV	186°, 45%, 73%
XYZ	30.6833, 38.7116, 52.8686
YIQ	157.1880, -47.8640, -13.6240

# Conversions

## Conversions Part 2

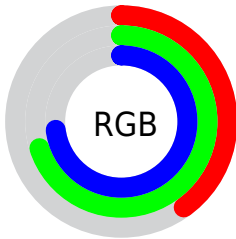
Format	Color
<a href="#">RYB</a>	<a href="#">103, 143, 187</a>
Decimal	<a href="#">6796219</a>
CIELab	<a href="#">68.54, -21.41, -11.43</a>
CIELCh	<a href="#">69, 24.270, 208.109</a>
Yxy	<a href="#">38.7116, 0.2510, 0.3166</a>
Android (android.graphics.Color)	<a href="#">4284986299 (0xFF67B3BB)</a>
YUV	<a href="#">157.1880, 14.6973, -47.5229</a>
Hunter-Lab	<a href="#">62.2187, -20.8550, -6.8270</a>

# Details

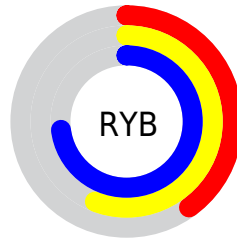
The Hex color **67B3BB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BB6F67**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **9FEBF3**, and **2E7E86** is the 20% darker color. If you saturate the color by 10%, you get **54B1BB**, and if you desaturate by 10%, it is **7AB5BB**.

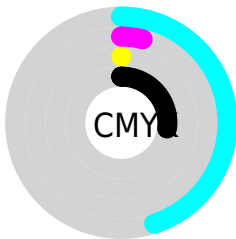
# Distribution



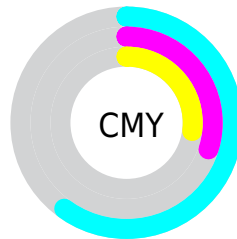
- Red (40%)
- Green (70%)
- Blue (73%)



- Red (40%)
- Yellow (56%)
- Blue (73%)



- Cyan (45%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)



- Cyan (60%)
- Magenta (30%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67B3BB 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 67B3BB by changing the saturation by 10% instead.



 67B3BB

 67B3BB

FFFFFF

 4B98A0

 9FEBF3

 2E7E86

 BBFFFF

 03656D

 D8FFFF

 004D54

 F5FFFF

 00363D

 002127

 000113

 000000

 67B3BB

 67B3BB

■ 54B1BB

■ 7AB5BB

■ 42AFBB

■ 8CB7BB

■ 2FAEBB

■ 9FB8BB

■ 1CACBB

■ B2BABB

■ 0AAABB

■ C4BCBB

■ 00A9BB

■ D7BEBB

■ EABFBB

■ FDC1BB

■ FFC3BB

# Harmonies

## Analogous

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



72B3A5



67B3BB



70B0CC

# Triad

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



67B3BB



C29BBF



B9A57B

# Complementary

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



67B3BB



BB6F67

# 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.



CB9E83



67B3BB



D197A9

# Square

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



67B3BB



A9A2CE



D49994



A1AC80

# Rectangle

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



67B3BB



81ACD2



D49994



BFA37D



# Sweetspot

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



67B3BB



D3EFF2



67BB6E



67797A



FAFAFA



7A7A7A



# Same Dimension

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



67B3BB



6FE6F2



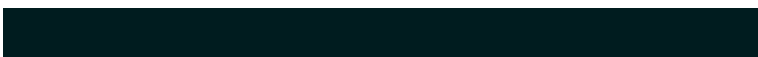
678ABB



555D5E



008F9E



001C1F



# Inverse Universe

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



BB67B3



F26FE6



BB9867



5E555D



9E008F

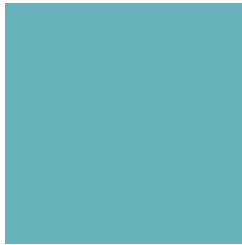


1F001C



# Previews

## White Background



This preview shows how the Hex color 67B3BB looks on a white background.

## Color Contrast Check

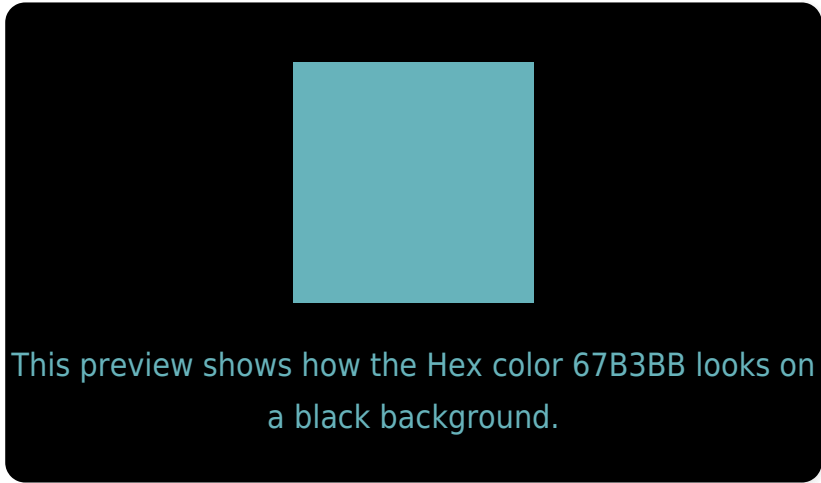
Large Text (above 18pt) WCAG AA × Fail

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

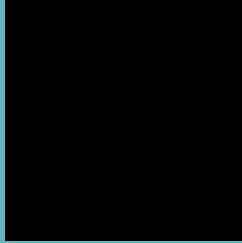
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 67B3BB Background



This preview shows how black text looks on a background with the Hex color 67B3BB.

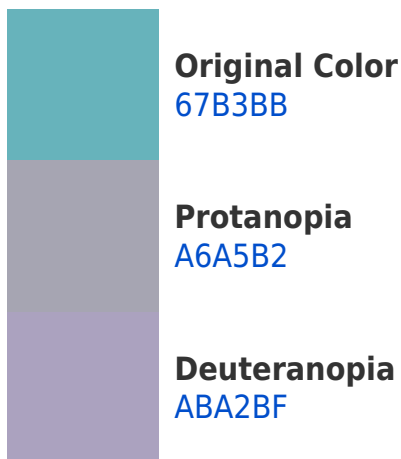


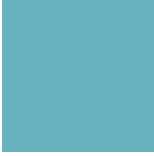
This preview shows how white text looks on a background with the Hex color 67B3BB.

# 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](#).

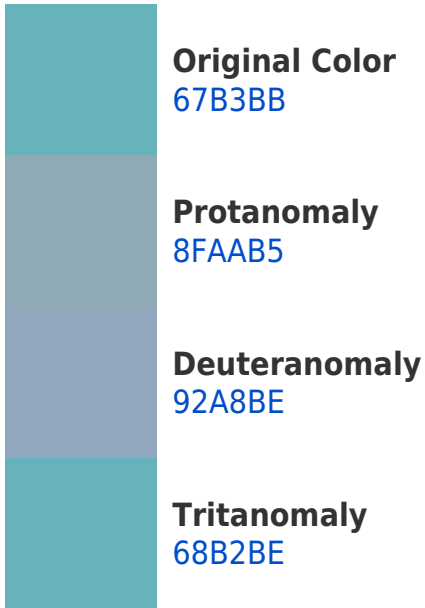
## Dichromacy



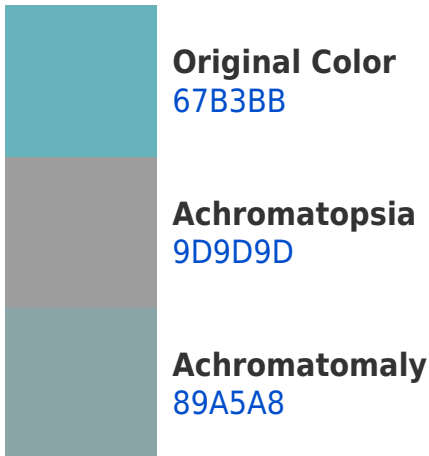


**Tritanopia**  
69B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67B3BB 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 #67B3BB looks like.

```
.text, #text, p{  
    color:#67B3BB  
}
```

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 #67B3BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67B3BB
}
```

## Border

The CSS property to change the border of an element to Hex 67B3BB 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
#67B3BB }
```

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

```
.border{ border-color:#67B3BB }
```

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

Here you see how a box with a 4 pixel #67B3BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67B3BB; -webkit-box-shadow:4px 4px  
4px 4px #67B3BB; box-shadow:4px 4px 4px  
4px #67B3BB }
```

# Background

The CSS property to change the background color of an element to Hex 67B3BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67B3BB }
```

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

```
.background{ background-color:#67B3BB }
```

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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