

# Converting Colors

Hex(67C8BE)

Have a look what the booklet for  
Hex(67C8BE) contains.

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# Color

Hex(67C8BE)

# Conversions

## Conversions Part 1

Format	Color
Hex	67C8BE
RGB	103, 200, 190
RGB Percent	40%, 78%, 75%
CMY	0.5961, 0.2157, 0.2549
CMYK	0.48, 0.00, 0.05, 0.22
HSL	174°, 47%, 59%
HSV	174°, 48%, 78%
XYZ	35.5421, 47.9098, 56.0895
YIQ	169.8570, -54.6020, -23.6740

# Conversions

## Conversions Part 2

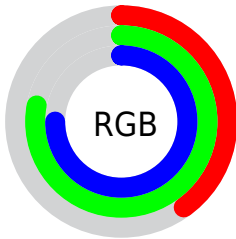
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 154, 200
Decimal	6801598
CIELab	74.77, -31.02, -3.83
CIELCh	75, 31.254, 187.038
Yxy	47.9098, 0.2547, 0.3433
Android (android.graphics.Color)	4284991678 (0xFF67C8BE)
YUV	169.8570, 9.9305, -58.6336
Hunter-Lab	69.2169, -29.4720, 0.4066

# Details

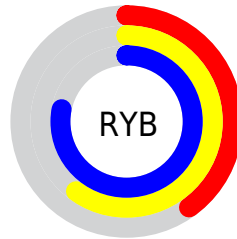
The Hex color **67C8BE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C86771**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **A0FFF6**, and **2A9289** is the 20% darker color. If you saturate the color by 10%, you get **53C8BC**, and if you desaturate by 10%, it is **7BC8C0**.

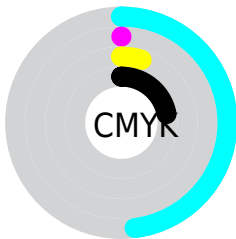
# Distribution



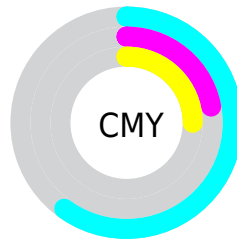
- Red (40%)
- Green (78%)
- Blue (75%)



- Red (40%)
- Yellow (60%)
- Blue (78%)



- Cyan (48%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)



- Cyan (60%)
- Magenta (22%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67C8BE 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 67C8BE by changing the saturation by 10% instead.



 67C8BE

 67C8BE

FFFFFF

 4AACA3

 A0FFF6

 2A9289

 BDFFFF

 00786F

 DAFFFF

 005E57

 F8FFFF

 004640

 002F2A

 001A16

 000000

 67C8BE

 67C8BE

 53C8BC

 7BC8C0

 3FC8BA

 8FC8C2

 2BC8B8

 A3C8C4

 17C8B6

 B7C8C6

 03C8B4

 CBC8C8

 00C8B3

 DFC8CA

 F3C8CC

 FFC8CE

 FFC8D1

# Harmonies

## Analogous

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



85C6A1



67C8BE



5DC6DA

# Triad

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



67C8BE



C5AEE6



DFAF84

# Complementary

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



67C8BE



C86771

# 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.



EFA697



67C8BE



E2A6CF

# Square

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



67C8BE



9DB8F1



F1A3B2



C6B87F

# Rectangle

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



67C8BE



69C3E7



F1A3B2



E6AC89

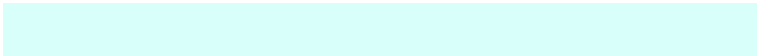


# Sweetspot

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



67C8BE



D9FFFB



72C867



69807D



000000



808080



# Same Dimension

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



67C8BE



6BFFF0



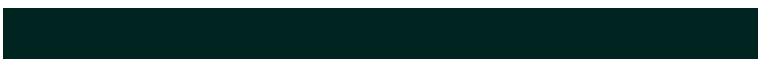
67A3C8



5A6362



00A392



002420



# Inverse Universe

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



C86771



FF6B7A



C88C67



635A5B



A30011

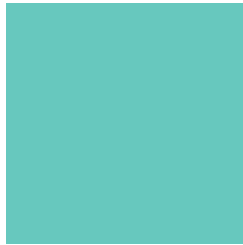


240004



# Previews

## White Background



This preview shows how the Hex color 67C8BE looks on a white background.

## Color Contrast Check

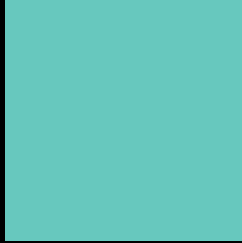
Large Text (above 18pt) WCAG AA × Fail

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 67C8BE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

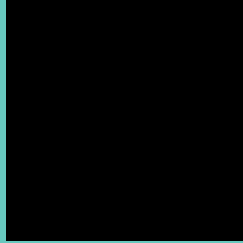
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 67C8BE Background



This preview shows how black text looks on a background with the Hex color 67C8BE.



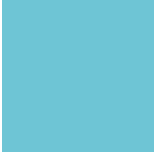
This preview shows how white text looks on a background with the Hex color 67C8BE.

# 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](#).

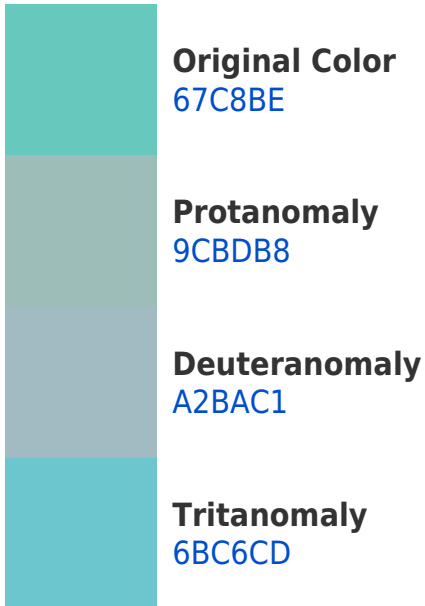
## Dichromacy





**Tritanopia**  
6EC5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67C8BE 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 #67C8BE looks like.

```
.text, #text, p{  
    color:#67C8BE  
}
```

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 #67C8BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67C8BE
}
```

## Border

The CSS property to change the border of an element to Hex 67C8BE 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
#67C8BE }
```

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

```
.border{ border-color:#67C8BE }
```

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

Here you see how a box with a 4 pixel #67C8BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67C8BE; -webkit-box-shadow:4px 4px  
4px 4px #67C8BE; box-shadow:4px 4px 4px  
4px #67C8BE }
```

# Background

The CSS property to change the background color of an element to Hex 67C8BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67C8BE }
```

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

```
.background{ background-color:#67C8BE }
```

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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