

# Converting Colors

Hex(67CBAC)

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

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**Color**

**Hex(67CBAC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67CBAC
RGB	103, 203, 172
RGB Percent	40%, 80%, 67%
CMY	0.5961, 0.2039, 0.3255
CMYK	0.49, 0.00, 0.15, 0.20
HSL	161°, 49%, 60%
HSV	161°, 49%, 80%
XYZ	34.3958, 48.5740, 46.5926
YIQ	169.5660, -49.6490, -30.8410

# Conversions

## Conversions Part 2

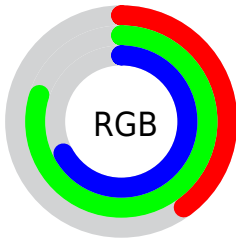
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 162, 203
Decimal	6802348
CIELab	75.19, -36.73, 6.50
CIElCh	75, 37.304, 169.959
Yxy	48.5740, 0.2655, 0.3749
Android (android.graphics.Color)	4284992428 (0xFF67CBAC)
YUV	169.5660, 1.2000, -58.3784
Hunter-Lab	69.6950, -33.8731, 9.1499

# Details

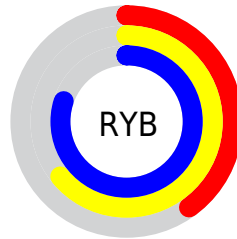
The Hex color **67CBAC** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CB6786**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **A0FFE3**, and **2B9478** is the 20% darker color. If you saturate the color by 10%, you get **53CBA6**, and if you desaturate by 10%, it is **7BCBB2**.

# Distribution



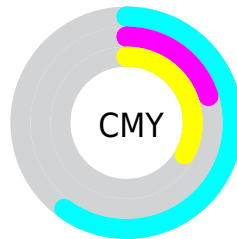
- Red (40%)
- Green (80%)
- Blue (67%)



- Red (40%)
- Yellow (64%)
- Blue (80%)



- Cyan (49%)
- Magenta (0%)
- Yellow (15%)
- Black (20%)



- Cyan (60%)
- Magenta (20%)
- Yellow (33%)

# Brightness & Saturation Gradients

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



 67CBAC

 67CBAC

FFFFFF

 4AAF91

 A0FFE3

 2B9478

 BDFFFF

 007A5F

 DAFFFF

 006147

 F7FFFF

 004831

 00311C

 001B02

 000000

 67CBAC

 67CBAC

■ 53CBA6

■ 7BCBB2

■ 3ECB9F

■ 90CBB9

■ 2ACB99

■ A4CBBF

■ 16CB93

■ B8CBC5

■ 02CB8D

■ CDCBCB

■ 00CB8C

■ E1CBD2

■ F5CBD8

■ FFCBDE

■ FFCBE5

# Harmonies

## Analogous

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



92C68C



67CBAC



40CCCF

# Triad

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



67CBAC



ADB4FA



F3A786

# Complementary

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



67CBAC



CB6786

# 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.



FDA0A3



67CBAC



D9A8E6

# Square

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



67CBAC



76C0FC



F5A0C6



DBB376

# Rectangle

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



67CBAC



3ACAE4



F5A0C6



F8A48F

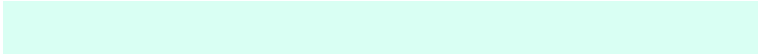


# Sweetspot

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



67CBAC



D9FFF3



87CB67



698078



000000



808080



# Same Dimension

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



67CBAC



69FFD0



67B9CB



5C6663



00A672



00261A



# Inverse Universe

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



CB6786



FF6997



CB7967



665C5F



A60033

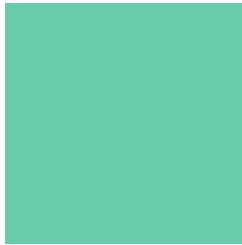


26000C



# Previews

## White Background



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

## Color Contrast Check

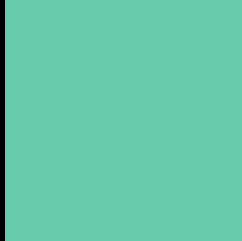
Large Text (above 18pt) WCAG AA × Fail

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 67CBAC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

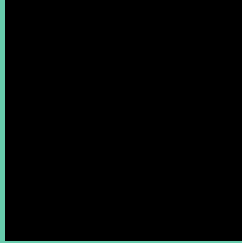
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 67CBAC Background



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

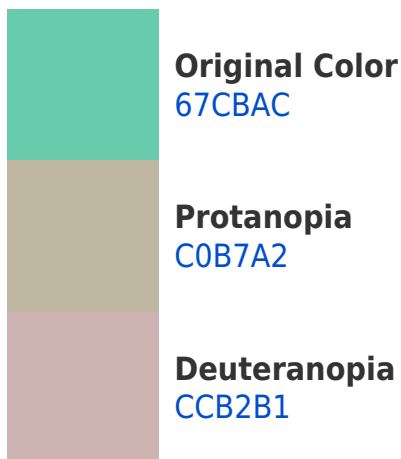


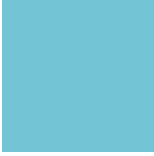
This preview shows how white text looks on a background with the Hex color 67CBAC.

# 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](#).

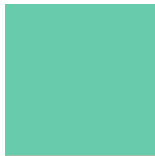
## Dichromacy





**Tritanopia**  
73C5D5

# Trichromacy



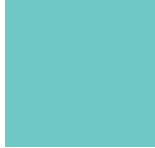
**Original Color**  
67CBAC



**Protanomaly**  
A0BEA6



**Deuteranomaly**  
A7BBAF



**Tritanomaly**  
6FC7C6

# Monochromacy



**Original Color**  
67CBAC



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
92B6AB

# CSS Examples

## Text

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

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

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 #67CBAC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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