

Converting Colors

Hex(67BBC6)

Have a look what the booklet for
Hex(67BBC6) contains.

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Color

Hex(67BBC6)

Conversions

Conversions Part 1

Format	Color
Hex	67BBC6
RGB	103, 187, 198
RGB Percent	40%, 73%, 78%
CMY	0.5961, 0.2667, 0.2235
CMYK	0.48, 0.06, 0.00, 0.22
HSL	187°, 45%, 59%
HSV	187°, 48%, 78%
XYZ	33.5569, 42.5014, 59.8610
YIQ	163.1380, -53.5950, -14.3870

Conversions

Conversions Part 2

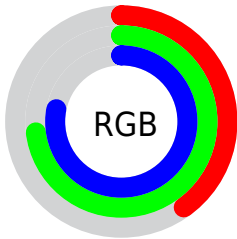
Format	Color
R _Y B	103, 148, 198
Decimal	6798278
CIE Lab	71.22, -22.54, -13.47
CIE LCh	71, 26.259, 210.863
Yxy	42.5014, 0.2469, 0.3127
Android (android.graphics.Color)	4284988358 (0xFF67BBC6)
YUV	163.1380, 17.1870, -52.7410
Hunter-Lab	65.1931, -22.2086, -8.8055

Details

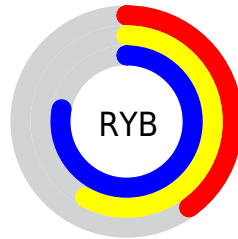
The Hex color **67BBC6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C67267**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **A0F3FF**, and **2B8690** is the 20% darker color. If you saturate the color by 10%, you get **53B9C6**, and if you desaturate by 10%, it is **7BBDC6**.

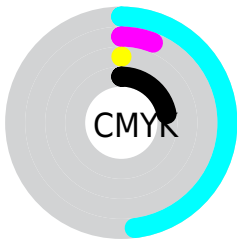
Distribution



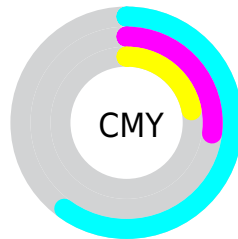
- Red (40%)
- Green (73%)
- Blue (78%)



- Red (40%)
- Yellow (58%)
- Blue (78%)



- Cyan (48%)
- Magenta (6%)
- Yellow (0%)
- Black (22%)



- Cyan (60%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67BBC6 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 67BBC6 by changing the saturation by 10% instead.

 67BBC6

 67BBC6

FFFFFF

 4AA0AB

 A0F3FF

 2B8690

 BCFFFF

 006C77

 DAFFFF

 00545E

 F7FFFF

 003C46

 002630

 000A1C

 000000

 67BBC6

 67BBC6

■ 53B9C6

■ 7BBDC6

■ 3FB6C6

■ 8FC0C6

■ 2CB4C6

■ A2C2C6

■ 18B2C6

■ B6C4C6

■ 04B0C6

■ CAC6C6

■ 00AFC6

■ DEC9C6

■ F2CBC6

■ FFCDC6

■ FFD0C6

Harmonies

Analogous

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



72BCAE



67BBC6



74B7D7

Triad

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



67BBC6



CEA1C6



BFAD7F

Complementary

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



67BBC6



C67267

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.



D3A585



67BBC6



DD9DAF

Square

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



67BBC6



B3A8D7



DE9F97



A5B485

Rectangle

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



67BBC6



87B3DD



DE9F97



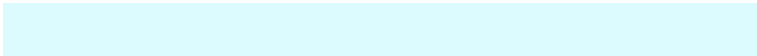
C7AA7F

Sweetspot

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



67BBC6



DBFBFF



67C670



6A7D80



000000



808080

Same Dimension

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



67BBC6



6BEEFF



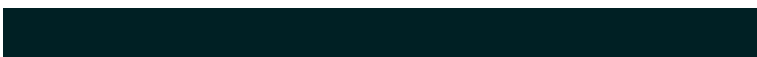
678DC6



5A6263



0090A3



002024

Inverse Universe

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



C667BB



FF6BEE



C6A067



635A62



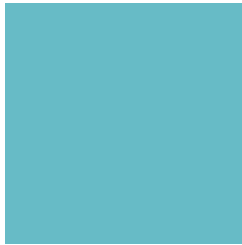
A30090



240020

Previews

White Background



This preview shows how the Hex color 67BBC6 looks on a white background.

Color Contrast Check

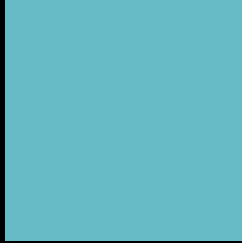
Large Text (above 18pt) WCAG AA × Fail

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 67BBC6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

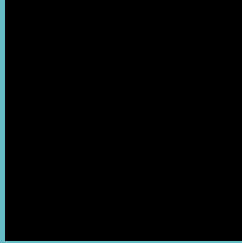
Any Text WCAG AA ✓ Pass

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 67BBC6 Background



This preview shows how black text looks on a background with the Hex color 67BBC6.



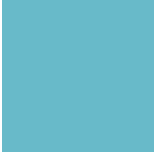
This preview shows how white text looks on a background with the Hex color 67BBC6.

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](#).

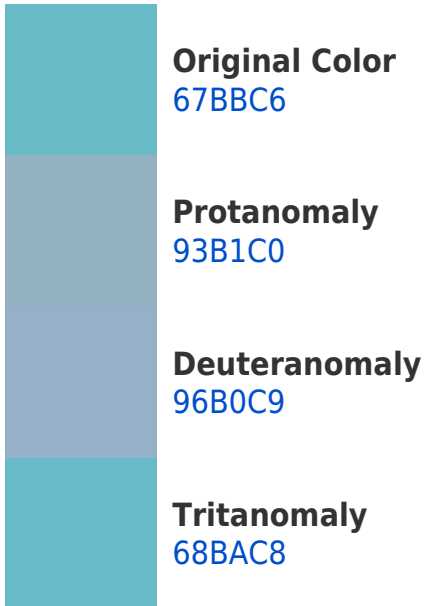
Dichromacy





Tritanopia
68BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67BBC6 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 #67BBC6 looks like.

```
.text, #text, p{  
    color:#67BBC6  
}
```

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 #67BBC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67BBC6  
}
```

Border

The CSS property to change the border of an element to Hex 67BBC6 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  
#67BBC6 }
```

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

```
.border{ border-color:#67BBC6 }
```

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

Here you see how a box with a 4 pixel #67BBC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67BBC6; -webkit-box-shadow:4px 4px  
4px 4px #67BBC6; box-shadow:4px 4px 4px  
4px #67BBC6 }
```

Background

The CSS property to change the background color of an element to Hex 67BBC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67BBC6 }
```

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

```
.background{ background-color:#67BBC6 }
```

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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