

Converting Colors

Hex(68C6B0)

Have a look what the booklet for
Hex(68C6B0) contains.

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Color

Hex(68C6B0)

Conversions

Conversions Part 1

Format	Color
Hex	68C6B0
RGB	104, 198, 176
RGB Percent	41%, 78%, 69%
CMY	0.5922, 0.2235, 0.3098
CMYK	0.47, 0.00, 0.11, 0.22
HSL	166°, 45%, 59%
HSV	166°, 47%, 78%
XYZ	33.7395, 46.4658, 48.2648
YIQ	167.3860, -48.9620, -26.7700

Conversions

Conversions Part 2

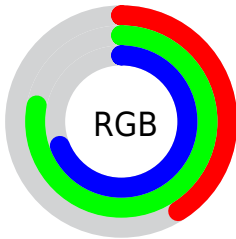
Format	Color
RYB	104, 157, 198
Decimal	6866608
CIELab	73.85, -33.24, 2.41
CIElCh	74, 33.331, 175.847
Yxy	46.4658, 0.2626, 0.3617
Android (android.graphics.Color)	4285056688 (0xFF68C6B0)
YUV	167.3860, 4.2467, -55.5895
Hunter-Lab	68.1658, -30.9396, 5.7358

Details

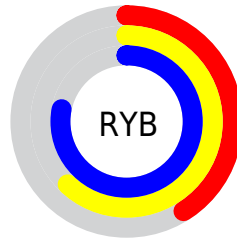
The Hex color **68C6B0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C6687E**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A0FFE8**, and **2D907C** is the 20% darker color. If you saturate the color by 10%, you get **54C6AB**, and if you desaturate by 10%, it is **7CC6B5**.

Distribution



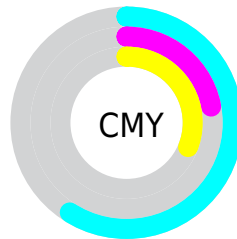
- Red (41%)
- Green (78%)
- Blue (69%)



- Red (41%)
- Yellow (62%)
- Blue (78%)



- Cyan (47%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)



- Cyan (59%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68C6B0 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 68C6B0 by changing the saturation by 10% instead.

 68C6B0

 68C6B0

FFFFFF

 4CAA95

 A0FFE8

 2D907C

 BDFFFF

 007663

 DAFFFF

 005C4B

 F8FFFF

 004434

 002D1F

 001607

 000000

 68C6B0

 68C6B0

■ 54C6AB

■ 7CC6B5

■ 40C6A7

■ 90C6B9

■ 2DC6A2

■ A3C6BE

■ 19C69D

■ B7C6C3

■ 05C699

■ CBC6C7

■ 00C698

■ DFC6CC

■ F3C6D0

■ FFC6D5

■ FFC6DA

Harmonies

Analogous

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



8CC392



68C6B0



50C6CF

Triad

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



68C6B0



B4AFEC



E6A884

Complementary

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



68C6B0



C6687E

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.



F2A09C



68C6B0



D8A5D8

Square

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



68C6B0



86BAF2



EE9FBB



CFB278

Rectangle

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



68C6B0



53C3E0



EE9FBB



ECA58B

Sweetspot

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



68C6B0



DBFFF7



80C668



6A807A



000000



808080

Same Dimension

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



68C6B0



6EFFDD



68AFC6



5A6361



00A37D



00241B

Inverse Universe

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



C6687E



FF6E90



C68068



635A5C



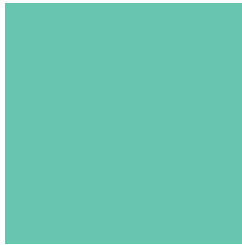
A30026



240008

Previews

White Background



This preview shows how the Hex color 68C6B0 looks on a white background.

Color Contrast Check

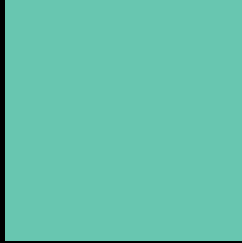
Large Text (above 18pt) WCAG AA × Fail

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 68C6B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

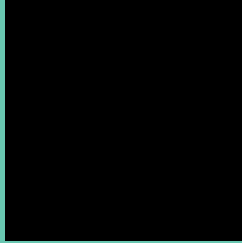
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

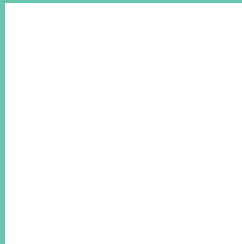
Any Text WCAG AAA ✓ Pass

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

Hex 68C6B0 Background



This preview shows how black text looks on a background with the Hex color 68C6B0.



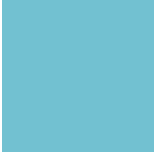
This preview shows how white text looks on a background with the Hex color 68C6B0.

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](#).

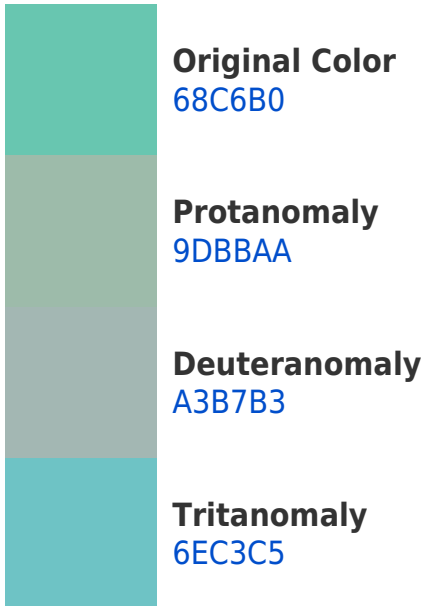
Dichromacy



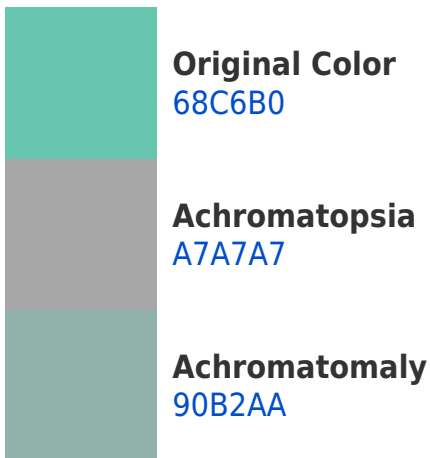


Tritanopia
72C1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68C6B0 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 #68C6B0 looks like.

```
.text, #text, p{  
    color:#68C6B0  
}
```

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 #68C6B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68C6B0
}
```

Border

The CSS property to change the border of an element to Hex 68C6B0 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
#68C6B0 }
```

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

```
.border{ border-color:#68C6B0 }
```

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

Here you see how a box with a 4 pixel #68C6B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68C6B0; -webkit-box-shadow:4px 4px  
4px 4px #68C6B0; box-shadow:4px 4px 4px  
4px #68C6B0 }
```

Background

The CSS property to change the background color of an element to Hex 68C6B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68C6B0 }
```

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

```
.background{ background-color:#68C6B0 }
```

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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