

Converting Colors

Hex(68C0B5)

Have a look what the booklet for
Hex(68C0B5) contains.

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Color

Hex(68C0B5)

Conversions

Conversions Part 1

Format	Color
Hex	68C0B5
RGB	104, 192, 181
RGB Percent	41%, 75%, 71%
CMY	0.5922, 0.2471, 0.2902
CMYK	0.46, 0.00, 0.06, 0.25
HSL	172°, 41%, 58%
HSV	172°, 46%, 75%
XYZ	32.8990, 43.9785, 50.4708
YIQ	164.4340, -48.9170, -22.0770

Conversions

Conversions Part 2

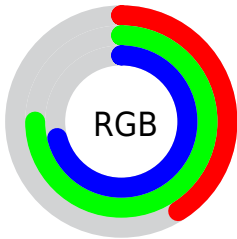
Format	Color
RYB	104, 151, 192
Decimal	6865077
CIELab	72.21, -29.17, -2.69
CIELCh	72, 29.294, 185.268
Yxy	43.9785, 0.2583, 0.3453
Android (android.graphics.Color)	4285055157 (0xFF68C0B5)
YUV	164.4340, 8.1670, -53.0006
Hunter-Lab	66.3163, -27.5010, 1.2981

Details

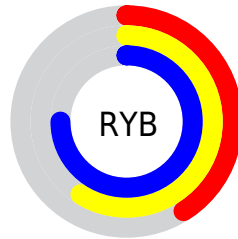
The Hex color **68C0B5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C06873**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **A0F9ED**, and **2E8A80** is the 20% darker color. If you saturate the color by 10%, you get **55C0B3**, and if you desaturate by 10%, it is **7BC0B7**.

Distribution



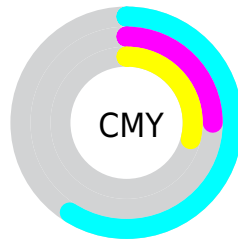
- Red (41%)
- Green (75%)
- Blue (71%)



- Red (41%)
- Yellow (59%)
- Blue (75%)



- Cyan (46%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)



- Cyan (59%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68C0B5 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 68C0B5 by changing the saturation by 10% instead.

 68C0B5

 68C0B5

FFFFFF

 4CA59A


 A0F9ED

 2E8A80

 BDFFFF

 007067

 DAFFFF

 00574F

 F7FFFF

 004038

 002923

 000F0E

 000000

 68C0B5

 68C0B5

■ 55C0B3

■ 7BC0B7

■ 42C0B0

■ 8EC0BA

■ 2EC0AE

■ A2C0BC

■ 1BC0AB

■ B5C0BF

■ 08C0A9

■ C8C0C1

■ 00C0A8

■ DBC0C3

■ EEC0C6

■ FFC0C8

■ FFC0CB

Harmonies

Analogous

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



83BE9A



68C0B5



5EBFCF

Triad

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



68C0B5



BBA9DD



D7A881

Complementary

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



68C0B5



C06873

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.



E5A093



68C0B5



D7A0C8

Square

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



68C0B5



96B2E6



E69DAD



BFB17C

Rectangle

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



68C0B5



67BCDC



E69DAD



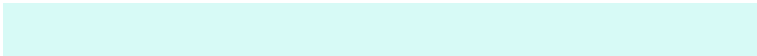
DDA586

Sweetspot

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



68C0B5



D7FAF6



74C068



687D7A



FCFCFC



7D7D7D

Same Dimension

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



68C0B5



70FAE9



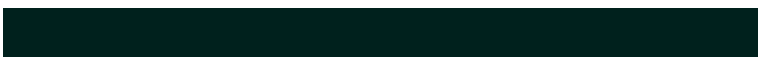
68A0C0



576160



00A18D



00211D

Inverse Universe

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



C06873



FA7082



C08868



615758



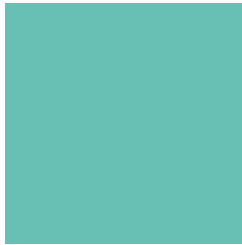
A10014



210004

Previews

White Background



This preview shows how the Hex color 68C0B5 looks on a white background.

Color Contrast Check

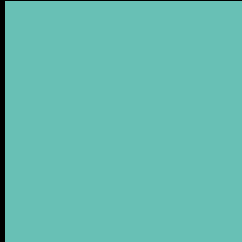
Large Text (above 18pt) WCAG AA × Fail

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 68C0B5 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

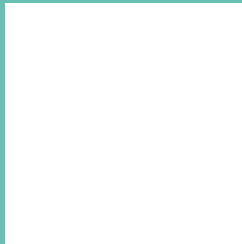
Any Text WCAG AAA ✓ Pass

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

Hex 68C0B5 Background



This preview shows how black text looks on a background with the Hex color 68C0B5.

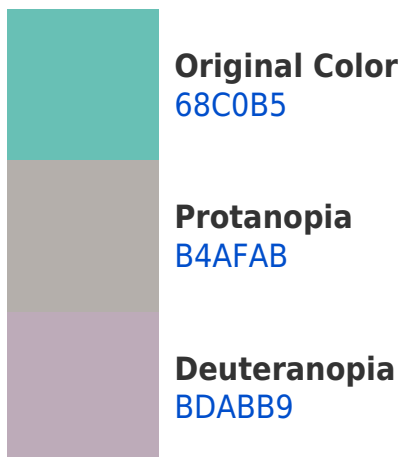


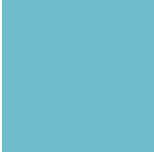
This preview shows how white text looks on a background with the Hex color 68C0B5.

Color Blindness Simulation

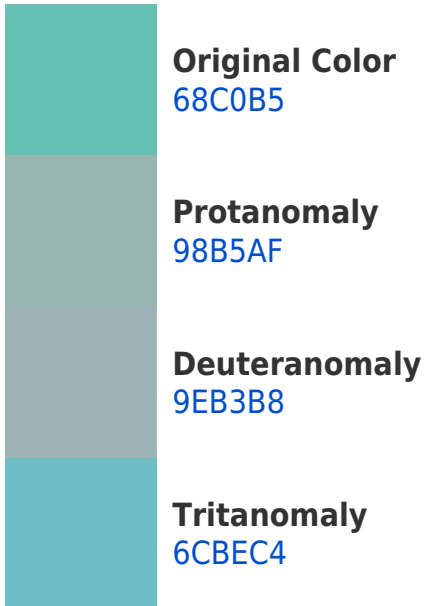
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68C0B5 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 #68C0B5 looks like.

```
.text, #text, p{  
    color:#68C0B5  
}
```

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 #68C0B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68C0B5  
}
```

Border

The CSS property to change the border of an element to Hex 68C0B5 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  
#68C0B5 }
```

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

```
.border{ border-color:#68C0B5 }
```

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

Here you see how a box with a 4 pixel #68C0B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68C0B5; -webkit-box-shadow:4px 4px  
4px 4px #68C0B5; box-shadow:4px 4px 4px  
4px #68C0B5 }
```

Background

The CSS property to change the background color of an element to Hex 68C0B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68C0B5 }
```

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

```
.background{ background-color:#68C0B5 }
```

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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