

Converting Colors

Hex(65BCC4)

Have a look what the booklet for
Hex(65BCC4) contains.

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Color

Hex(65BCC4)

Conversions

Conversions Part 1

Format	Color
Hex	65BCC4
RGB	101, 188, 196
RGB Percent	40%, 74%, 77%
CMY	0.6039, 0.2627, 0.2314
CMYK	0.48, 0.04, 0.00, 0.23
HSL	185°, 45%, 58%
HSV	185°, 48%, 77%
XYZ	33.3139, 42.7187, 58.7143
YIQ	162.8990, -54.4200, -15.9560

Conversions

Conversions Part 2

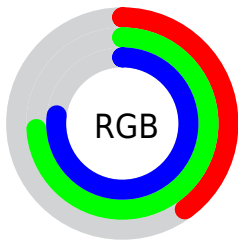
Format	Color
RYB	101, 146, 196
Decimal	6667460
CIELab	71.36, -24.04, -12.16
CIELCh	71, 26.937, 206.840
Yxy	42.7187, 0.2472, 0.3170
Android (android.graphics.Color)	4284857540 (0xFF65BCC4)
YUV	162.8990, 16.3188, -54.2854
Hunter-Lab	65.3595, -23.3974, -7.5102

Details

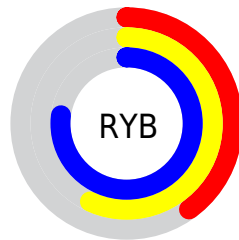
The Hex color **65BCC4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C46D65**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **9EF4FD**, and **28868E** is the 20% darker color. If you saturate the color by 10%, you get **51BAC4**, and if you desaturate by 10%, it is **79BEC4**.

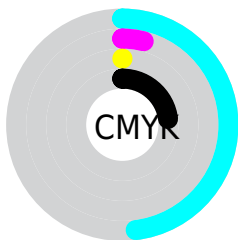
Distribution



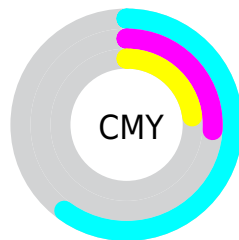
- Red (40%)
- Green (74%)
- Blue (77%)



- Red (40%)
- Yellow (57%)
- Blue (77%)



- Cyan (48%)
- Magenta (4%)
- Yellow (0%)
- Black (23%)



- Cyan (60%)
- Magenta (26%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65BCC4 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 65BCC4 by changing the saturation by 10% instead.

 65BCC4

 65BCC4

FFFFFF

 48A1A9

 9EF4FD

 28868E

 BBFFFF

 006D75

 D8FFFF

 00545C

 F5FFFF

 003D45

 00272E

 000B1A

 000000

 65BCC4

 65BCC4

■ 51BAC4

■ 79BEC4

■ 3EB9C4

■ 8CBFC4

■ 2AB7C4

■ A0C1C4

■ 17B5C4

■ B3C3C4

■ 03B4C4

■ C7C4C4

■ 00B3C4

■ DBC6C4

■ EEC8C4

■ FFC9C4

■ FFCBC4

Harmonies

Analogous

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



73BCAB



65BCC4



6FB8D7

Triad

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



65BCC4



CCA1CA



C3AC7E

Complementary

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



65BCC4



C46D65

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.



D7A487



65BCC4



DD9DB2

Square

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



65BCC4



AFA9DA



E09E9A



A9B483

Rectangle

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



65BCC4



81B4DE



E09E9A



CAA97F

Sweetspot

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



65BCC4



D9FCFF



65C46D



697E80



000000



808080

Same Dimension

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



65BCC4



6BF3FF



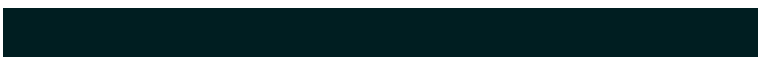
658DC4



576061



0093A1



001E21

Inverse Universe

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



C465BC



FF6BF3



C49C65



615760



A10093



21001E

Previews

White Background



This preview shows how the Hex color 65BCC4 looks on a white background.

Color Contrast Check

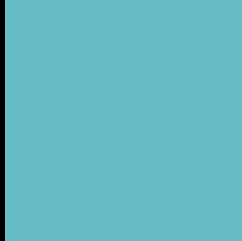
Large Text (above 18pt) WCAG AA × Fail

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 65BCC4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

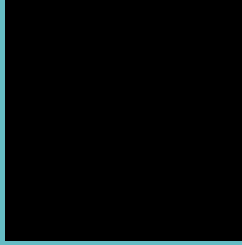
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

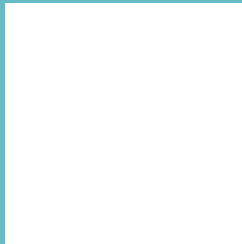
Any Text WCAG AAA ✓ Pass

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

Hex 65BCC4 Background



This preview shows how black text looks on a background with the Hex color 65BCC4.

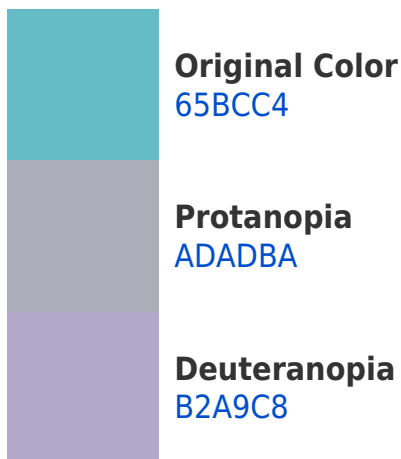


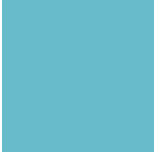
This preview shows how white text looks on a background with the Hex color 65BCC4.

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](#).

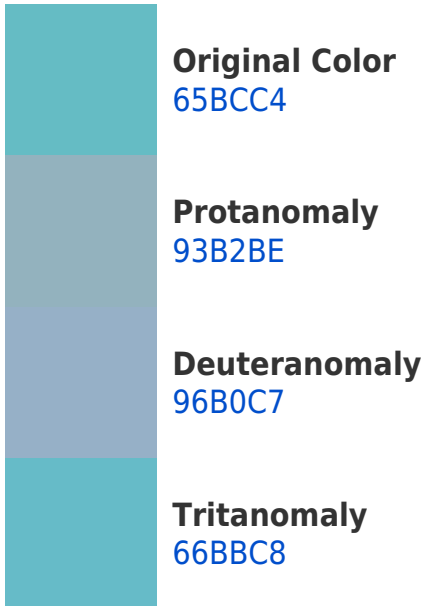
Dichromacy



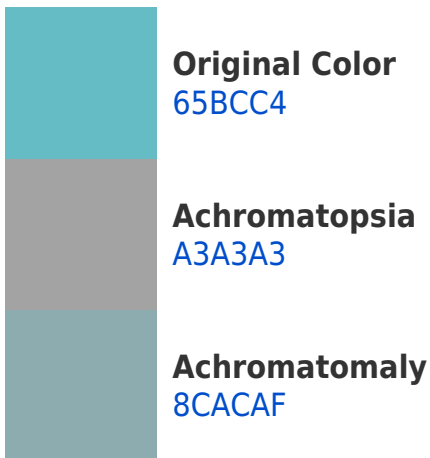


Tritanopia
67BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65BCC4 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 #65BCC4 looks like.

```
.text, #text, p{  
    color:#65BCC4  
}
```

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 #65BCC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65BCC4
}
```

Border

The CSS property to change the border of an element to Hex 65BCC4 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
#65BCC4 }
```

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

```
.border{ border-color:#65BCC4 }
```

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

Here you see how a box with a 4 pixel #65BCC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65BCC4; -webkit-box-shadow:4px 4px  
4px 4px #65BCC4; box-shadow:4px 4px 4px  
4px #65BCC4 }
```

Background

The CSS property to change the background color of an element to Hex 65BCC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65BCC4 }
```

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

```
.background{ background-color:#65BCC4 }
```

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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