

Converting Colors

Hex(65C9C0)

Have a look what the booklet for
Hex(65C9C0) contains.

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Color

Hex(65C9C0)

Conversions

Conversions Part 1

Format	Color
Hex	65C9C0
RGB	101, 201, 192
RGB Percent	40%, 79%, 75%
CMY	0.6039, 0.2118, 0.2471
CMYK	0.50, 0.00, 0.04, 0.21
HSL	175°, 48%, 59%
HSV	175°, 50%, 79%
XYZ	35.7679, 48.3458, 57.3157
YIQ	170.0740, -56.7110, -23.9990

Conversions

Conversions Part 2

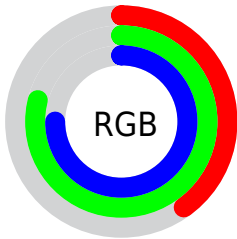
Format	Color
RYB	101, 153, 201
Decimal	6670784
CIELab	75.04, -31.44, -4.52
CIElCh	75, 31.763, 188.174
Yxy	48.3458, 0.2529, 0.3418
Android (android.graphics.Color)	4284860864 (0xFF65C9C0)
YUV	170.0740, 10.8095, -60.5779
Hunter-Lab	69.5311, -29.8562, -0.2020

Details

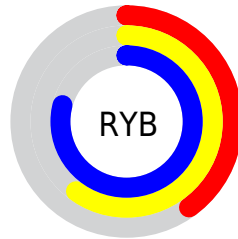
The Hex color **65C9C0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C9656E**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **9FFFF8**, and **26938B** is the 20% darker color. If you saturate the color by 10%, you get **51C9BE**, and if you desaturate by 10%, it is **79C9C2**.

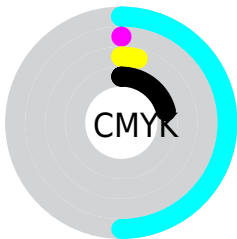
Distribution



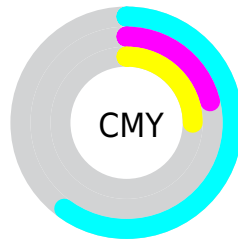
- Red (40%)
- Green (79%)
- Blue (75%)



- Red (40%)
- Yellow (60%)
- Blue (79%)



- Cyan (50%)
- Magenta (0%)
- Yellow (4%)
- Black (21%)



- Cyan (60%)
- Magenta (21%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65C9C0 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 65C9C0 by changing the saturation by 10% instead.

 65C9C0

 65C9C0

FFFFFF

 47ADA5

 9FFFF8

 26938B

 BCFFFF

 007871

 D9FFFF

 005F59

 F7FFFF

 004741

 00302B

 001B17

 000000

 65C9C0

 65C9C0

 51C9BE

 79C9C2

 3DC9BC

 8DC9C4

 29C9BB

 A1C9C5

 15C9B9

 B5C9C7

 00C9B7

 CAC9C9

 DEC9CB

 F2C9CD

 FFC9CE

 FFC9D0

Harmonies

Analogous

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



83C7A2



65C9C0



5BC7DC

Triad

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



65C9C0



C7AEE7



E0B083

Complementary

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



65C9C0



C9656E

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.



F0A796



65C9C0



E5A6CF

Square

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



65C9C0



9EB9F2



F3A3B2



C5B97F

Rectangle

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



65C9C0



69C4EA



F3A3B2



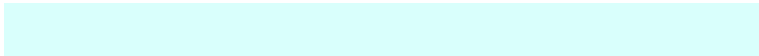
E7AC88

Sweetspot

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



65C9C0



D9FFFC



6FC965



69807D



000000



808080

Same Dimension

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



65C9C0



66FFF1



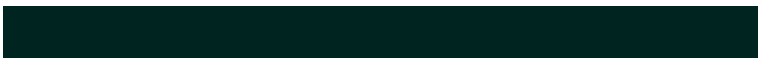
65A1C9



5A6363



00A395



002420

Inverse Universe

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



C9656E



FF6674



C98D65



635A5A



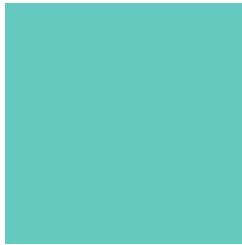
A3000F



240003

Previews

White Background



This preview shows how the Hex color 65C9C0 looks on a white background.

Color Contrast Check

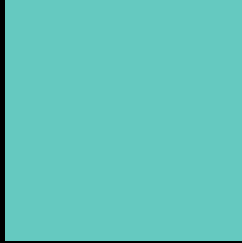
Large Text (above 18pt) WCAG AA × Fail

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 65C9C0 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

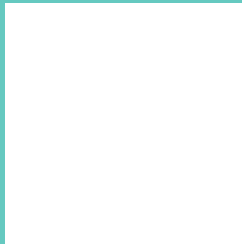
Any Text WCAG AAA ✓ Pass

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

Hex 65C9C0 Background



This preview shows how black text looks on a background with the Hex color 65C9C0.

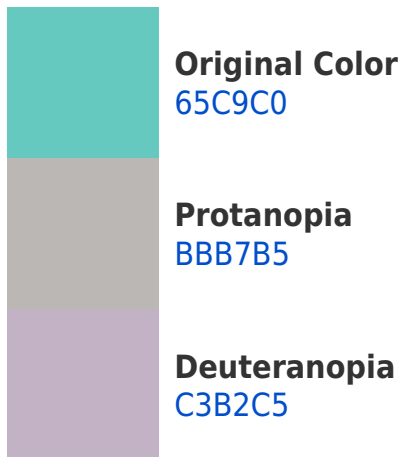


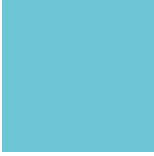
This preview shows how white text looks on a background with the Hex color 65C9C0.

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](#).

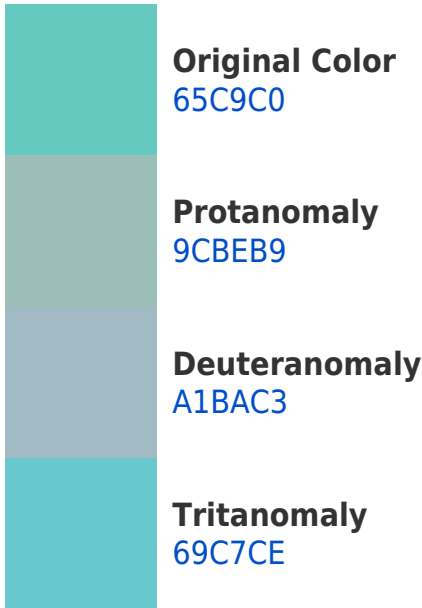
Dichromacy



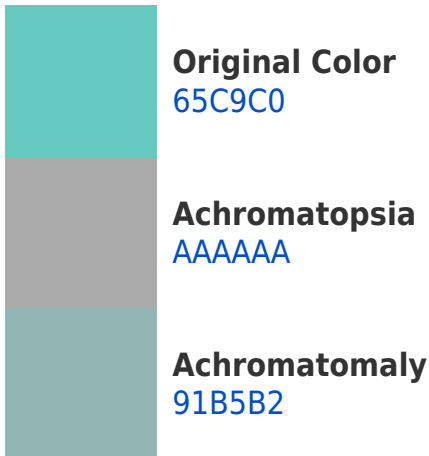


Tritanopia
6CC6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65C9C0 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 #65C9C0 looks like.

```
.text, #text, p{  
    color:#65C9C0  
}
```

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 #65C9C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65C9C0  
}
```

Border

The CSS property to change the border of an element to Hex 65C9C0 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  
#65C9C0 }
```

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

```
.border{ border-color:#65C9C0 }
```

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

Here you see how a box with a 4 pixel #65C9C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65C9C0; -webkit-box-shadow:4px 4px  
4px 4px #65C9C0; box-shadow:4px 4px 4px  
4px #65C9C0 }
```

Background

The CSS property to change the background color of an element to Hex 65C9C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65C9C0 }
```

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

```
.background{ background-color:#65C9C0 }
```

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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