

Converting Colors

Hex(65C9CA)

Have a look what the booklet for
Hex(65C9CA) contains.

Hex(65C9CA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(65C9CA)

Conversions

Conversions Part 1

Format	Color
Hex	65C9CA
RGB	101, 201, 202
RGB Percent	40%, 79%, 79%
CMY	0.6039, 0.2118, 0.2078
CMYK	0.50, 0.00, 0.00, 0.21
HSL	181°, 49%, 59%
HSV	181°, 50%, 79%
XYZ	36.9141, 48.8043, 63.3517
YIQ	171.2140, -59.9210, -20.8890

Conversions

Conversions Part 2

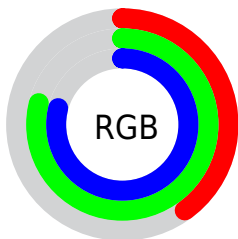
Format	Color
RYB	101, 151, 202
Decimal	6670794
CIELab	75.33, -28.86, -9.50
CIElCh	75, 30.385, 198.223
Yxy	48.8043, 0.2476, 0.3274
Android (android.graphics.Color)	4284860874 (0xFF65C9CA)
YUV	171.2140, 15.1775, -61.5777
Hunter-Lab	69.8600, -27.9354, -4.8644

Details

The Hex color **65C9CA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CA6665**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **9FFFFFF**, and **249394** is the 20% darker color. If you saturate the color by 10%, you get **51C9CA**, and if you desaturate by 10%, it is **79C9CA**.

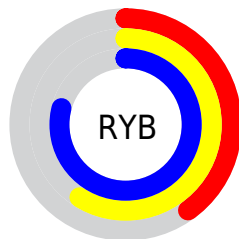
Distribution



Red (40%)

Green (79%)

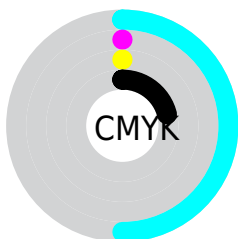
Blue (79%)



Red (40%)

Yellow (59%)

Blue (79%)

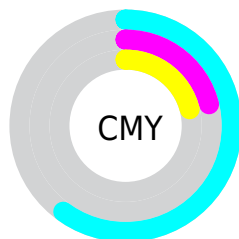


Cyan (50%)

Magenta (0%)

Yellow (0%)

Black (21%)



Cyan (60%)

Magenta (21%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65C9CA 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 65C9CA by changing the saturation by 10% instead.

 65C9CA

 65C9CA

FFFFFF

 47ADAF

 9FFFFFF

 249394

 BCFFFF

 00797A

 DAFFFF

 005F61

 F7FFFF

 00474A

 003033

 001C1E

 000004

 000000

 65C9CA

 65C9CA

 51C9CA

 79C9CA

 3DC9CA

 8DC9CA

 28C8CA

 A2CACA

 14C8CA

 B6CACA

 00C8CA

 CACACA

 DECACA

 F2CACA

 FFCBCA

Harmonies

Analogous

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



7CC8AD



65C9CA



67C6E2

Triad

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



65C9CA



D2ADDF



D8B483

Complementary

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



65C9CA



CA6665

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.



EBAB91



65C9CA



EAA6C6

Square

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



65C9CA



AEB6EE



F2A5A9



BCBD84

Rectangle

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



65C9CA



7AC2ED



F2A5A9



DFB186

Sweetspot

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



65C9CA



D9FFFF



65CA65



697F80



000000



808080

Same Dimension

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



65C9CA



66FDFF



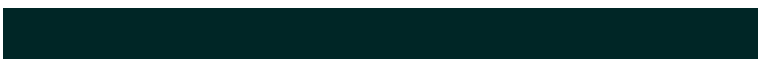
6598CA



5C6666



00A4A6



002626

Inverse Universe

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



CA65C9



FF66FD



CA9865



665C66



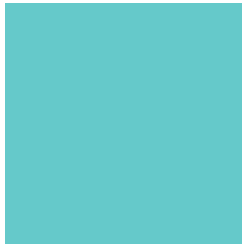
A600A4



260026

Previews

White Background



This preview shows how the Hex color 65C9CA looks on a white background.

Color Contrast Check

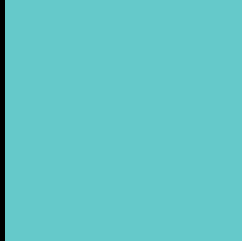
Large Text (above 18pt) WCAG AA × Fail

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 65C9CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

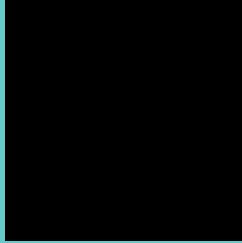
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

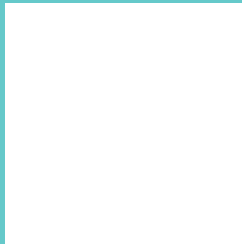
Any Text WCAG AAA ✓ Pass

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

Hex 65C9CA Background



This preview shows how black text looks on a background with the Hex color 65C9CA.

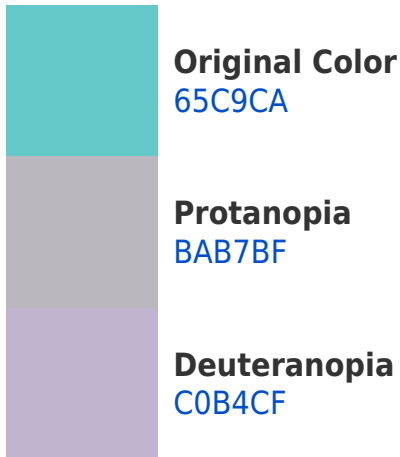


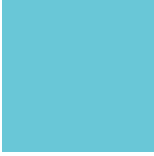
This preview shows how white text looks on a background with the Hex color 65C9CA.

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](#).

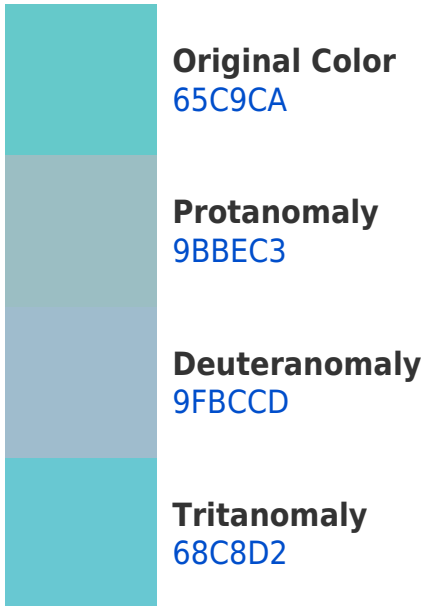
Dichromacy



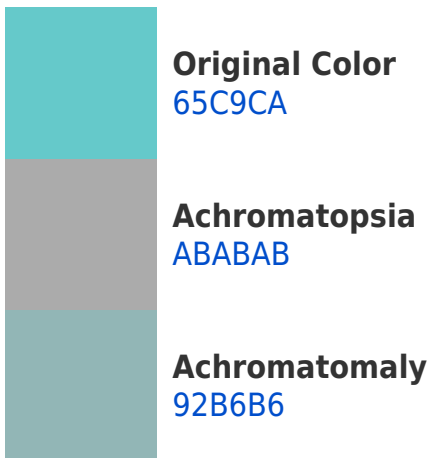


Tritanopia
69C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65C9CA 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 #65C9CA looks like.

```
.text, #text, p{  
    color:#65C9CA  
}
```

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 #65C9CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65C9CA
}
```

Border

The CSS property to change the border of an element to Hex 65C9CA 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
#65C9CA }
```

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

```
.border{ border-color:#65C9CA }
```

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

Here you see how a box with a 4 pixel #65C9CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65C9CA; -webkit-box-shadow:4px 4px  
4px 4px #65C9CA; box-shadow:4px 4px 4px  
4px #65C9CA }
```

Background

The CSS property to change the background color of an element to Hex 65C9CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65C9CA }
```

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

```
.background{ background-color:#65C9CA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor