

Converting Colors

Hex(65C2CF)

Have a look what the booklet for
Hex(65C2CF) contains.

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Color

Hex(65C2CF)

Conversions

Conversions Part 1

Format	Color
Hex	65C2CF
RGB	101, 194, 207
RGB Percent	40%, 76%, 81%
CMY	0.6039, 0.2392, 0.1882
CMYK	0.51, 0.06, 0.00, 0.19
HSL	187°, 52%, 60%
HSV	187°, 51%, 81%
XYZ	35.9211, 45.8553, 65.9892
YIQ	167.6750, -59.6010, -15.6730

Conversions

Conversions Part 2

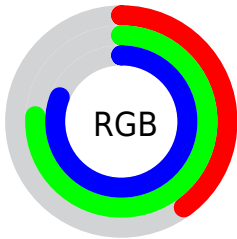
Format	Color
RYB	101, 151, 207
Decimal	6669007
CIELab	73.45, -24.07, -15.03
CIElCh	73, 28.373, 211.976
Yxy	45.8553, 0.2431, 0.3103
Android (android.graphics.Color)	4284859087 (0xFF65C2CF)
YUV	167.6750, 19.3872, -58.4740
Hunter-Lab	67.7165, -23.8163, -10.3761

Details

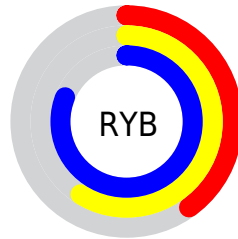
The Hex color **65C2CF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CF7265**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **9FFBFF**, and **248C99** is the 20% darker color. If you saturate the color by 10%, you get **50BFCE**, and if you desaturate by 10%, it is **7AC5CF**.

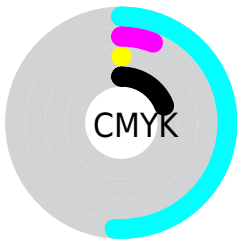
Distribution



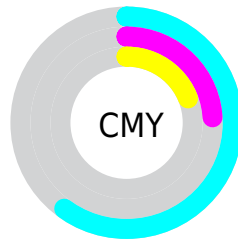
- Red (40%)
- Green (76%)
- Blue (81%)



- Red (40%)
- Yellow (59%)
- Blue (81%)



- Cyan (51%)
- Magenta (6%)
- Yellow (0%)
- Black (19%)



- Cyan (60%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65C2CF 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 65C2CF by changing the saturation by 10% instead.

 65C2CF

 65C2CF

FFFFFF

 47A7B3

 9FFBFF

 248C99

 BCFFFF

 00727F

 D9FFFF

 005A66

 F7FFFF

 00424E

 002B37

 001622

 000009

 000000

 65C2CF

 65C2CF

 50BFCF

 7AC5CF

 3CBDCF

 8EC7CF

 27BACF

 A3CACF

 12B8CF

 B8CCCF

 00B6CF

 CCCFCF

 E1D1CF

 F6D4CF

 FFD6CF

 FFD9CF

Harmonies

Analogous

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



71C3B5



65C2CF



74BEE2

Triad

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



65C2CF



D7A5CD



C5B380

Complementary

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



65C2CF



CF7265

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.



DCAB87



65C2CF



E7A1B4

Square

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



65C2CF



BBADE0



E8A49A



A9BB88

Rectangle

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



65C2CF



8AB9E7



E8A49A



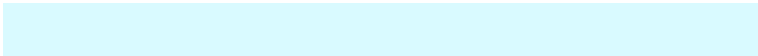
CEB081

Sweetspot

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



65C2CF



D9FAFF



65CF71



697D80



000000



808080

Same Dimension

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



65C2CF



63ECFF



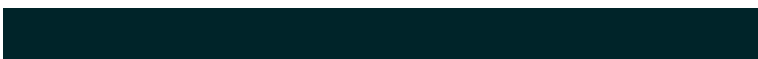
658ECF



5E6769



0094A8



002429

Inverse Universe

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



CF65C2



FF63EC



CFA665



695E67



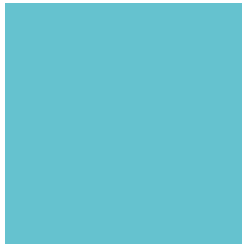
A80094



290024

Previews

White Background



This preview shows how the Hex color 65C2CF looks on a white background.

Color Contrast Check

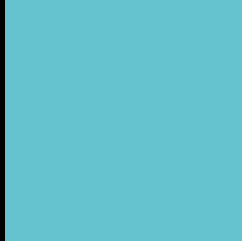
Large Text (above 18pt) WCAG AA × Fail

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 65C2CF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

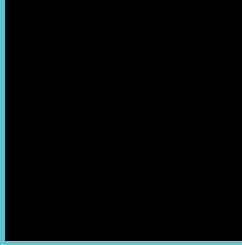
Any Text WCAG AA ✓ Pass

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 65C2CF Background



This preview shows how black text looks on a background with the Hex color 65C2CF.

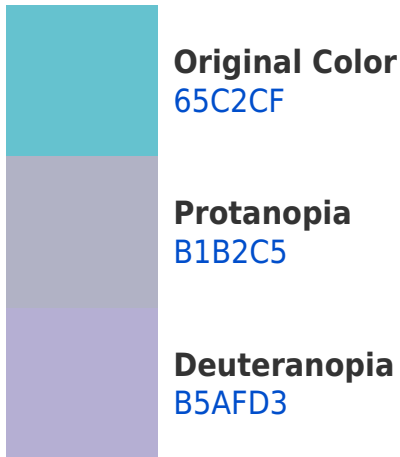


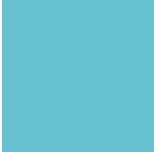
This preview shows how white text looks on a background with the Hex color 65C2CF.

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



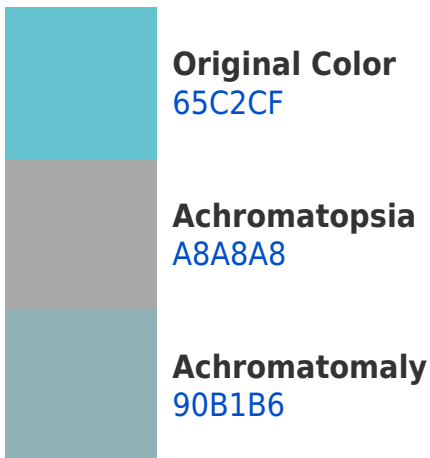


Tritanopia
66C2D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65C2CF 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 #65C2CF looks like.

```
.text, #text, p{  
    color:#65C2CF  
}
```

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 #65C2CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65C2CF
}
```

Border

The CSS property to change the border of an element to Hex 65C2CF 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
#65C2CF }
```

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

```
.border{ border-color:#65C2CF }
```

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

Here you see how a box with a 4 pixel #65C2CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65C2CF; -webkit-box-shadow:4px 4px  
4px 4px #65C2CF; box-shadow:4px 4px 4px  
4px #65C2CF }
```

Background

The CSS property to change the background color of an element to Hex 65C2CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65C2CF }
```

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

```
.background{ background-color:#65C2CF }
```

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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