

# Converting Colors

Hex(5CC7D2)

Have a look what the booklet for  
Hex(5CC7D2) contains.

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# Color

Hex(5CC7D2)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 5CC7D2                       |
| RGB         | 92, 199, 210                 |
| RGB Percent | 36%, 78%, 82%                |
| CMY         | 0.6392, 0.2196, 0.1765       |
| CMYK        | 0.56, 0.05, 0.00, 0.18       |
| HSL         | 186°, 57%, 59%               |
| HSV         | 186°, 56%, 82%               |
| XYZ         | 36.4699, 47.7753, 68.2722    |
| YIQ         | 168.2610, -67.3030, -19.2630 |

# Conversions

## Conversions Part 2

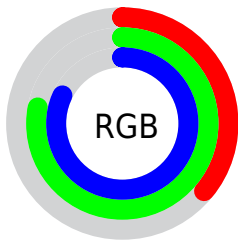
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 92, 148, 210                   |
| Decimal                             | 6080466                        |
| CIE <sub>Lab</sub>                  | 74.68, -27.54, -14.83          |
| CIE <sub>LCh</sub>                  | 75, 31.284, 208.301            |
| Yxy                                 | 47.7753, 0.2391,<br>0.3132     |
| Android<br>(android.graphics.Color) | 4284270546<br>(0xFF5CC7D2)     |
| YUV                                 | 168.2610, 20.5773,<br>-66.8809 |
| Hunter-Lab                          | 69.1197, -26.7767,<br>-10.1792 |

# Details

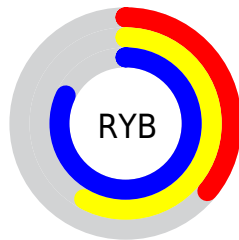
The Hex color **5CC7D2** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D2675C**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **98FFFF**, and **0B919C** is the 20% darker color. If you saturate the color by 10%, you get **47C5D2**, and if you desaturate by 10%, it is **71C9D2**.

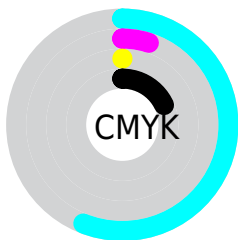
# Distribution



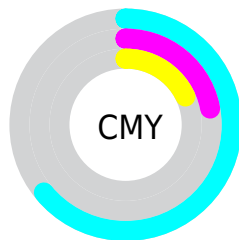
- Red (36%)
- Green (78%)
- Blue (82%)



- Red (36%)
- Yellow (58%)
- Blue (82%)



- Cyan (56%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (64%)
- Magenta (22%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CC7D2 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 5CC7D2 by changing the saturation by 10% instead.



■ 5CC7D2

■ 5CC7D2

FFFFFF

■ 3BABB6

■ 98FFFF

■ 0B919C

■ B5FFFF

■ 007782

■ D3FFFF

■ 005E68

■ F1FFFF

■ 004650

■ 002F39

■ 001A24

■ 00010D

■ 000000

■ 5CC7D2

■ 5CC7D2

■ 47C5D2

■ 71C9D2

■ 32C3D2

■ 86CBD2

■ 1DC1D2

■ 9BCDD2

■ 08BFD2

■ B0CFD2

■ 00BED2

■ C5D1D2

■ DAD3D2

■ EFD5D2

■ FFD7D2

■ FFD9D2

# Harmonies

## Analogous

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



6EC8B5



5CC7D2



6AC3E8

# Triad

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



5CC7D2



DBA8D6



CEB57E

# Complementary

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



5CC7D2



D2675C

# 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.



E5AC88



5CC7D2



EEA3BB

# Square

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



5CC7D2



BAB1EA



F1A49E



AFBE84

# Rectangle

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



5CC7D2



82BEEF



F1A49E



D6B280

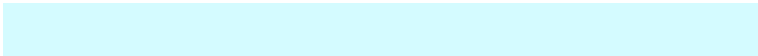


# Sweetspot

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



5CC7D2



D4FBFF



5CD266



667D80



000000



808080



# Same Dimension

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



5CC7D2



54EFFF



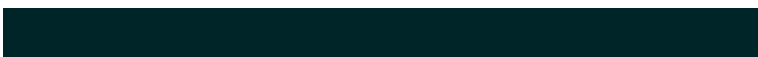
5C8DD2



5E6869



0099A8



002529



# Inverse Universe

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



D25CC7



FF54EF



D2A15C



695E68



A80099

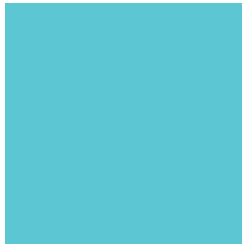


290025



# Previews

## White Background



This preview shows how the Hex color 5CC7D2 looks on a white background.

## Color Contrast Check

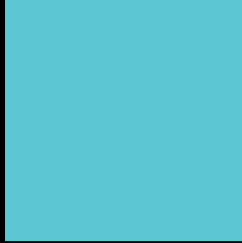
Large Text (above 18pt) WCAG AA × Fail

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 5CC7D2 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 5CC7D2 Background



This preview shows how black text looks on a background with the Hex color 5CC7D2.

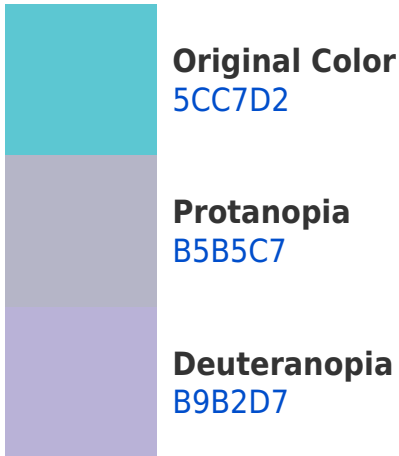


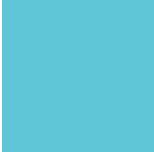
This preview shows how white text looks on a background with the Hex color 5CC7D2.

# 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](#).

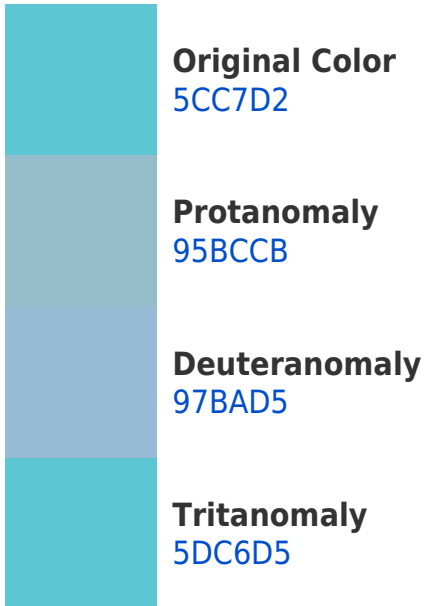
## Dichromacy



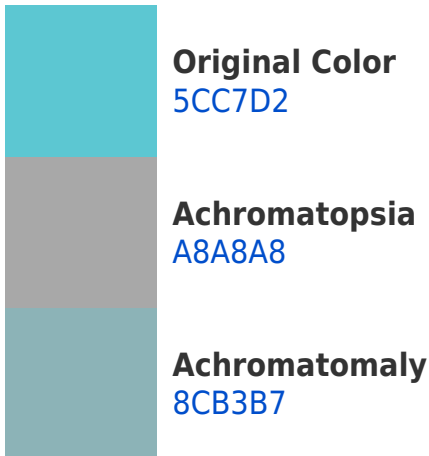


**Tritanopia**  
5EC6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CC7D2 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 #5CC7D2 looks like.

```
.text, #text, p{  
    color:#5CC7D2  
}
```

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 #5CC7D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CC7D2  
}
```

## Border

The CSS property to change the border of an element to Hex 5CC7D2 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  
#5CC7D2 }
```

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

```
.border{ border-color:#5CC7D2 }
```

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

Here you see how a box with a 4 pixel #5CC7D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CC7D2; -webkit-box-shadow:4px 4px  
4px 4px #5CC7D2; box-shadow:4px 4px 4px  
4px #5CC7D2 }
```

# Background

The CSS property to change the background color of an element to Hex 5CC7D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CC7D2 }
```

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

```
.background{ background-color:#5CC7D2 }
```

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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