

# Converting Colors

Hex(57C1D7)

Have a look what the booklet for  
Hex(57C1D7) contains.

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**Color**

**Hex(57C1D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57C1D7
RGB	87, 193, 215
RGB Percent	34%, 76%, 84%
CMY	0.6588, 0.2431, 0.1569
CMYK	0.60, 0.10, 0.00, 0.16
HSL	190°, 62%, 59%
HSV	190°, 60%, 84%
XYZ	35.2662, 45.0725, 71.1311
YIQ	163.8140, -70.2380, -15.6300

# Conversions

## Conversions Part 2

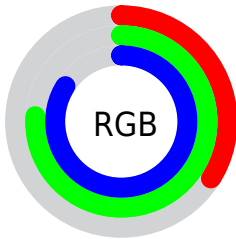
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	87, 145, 215
Decimal	5751255
CIE Lab	72.94, -24.07, -20.19
CIE LCh	73, 31.421, 219.995
Yxy	45.0725, 0.2328, 0.2976
Android (android.graphics.Color)	4283941335 (0xFF57C1D7)
YUV	163.8140, 25.2347, -67.3659
Hunter-Lab	67.1360, -23.7230, -15.8230

# Details

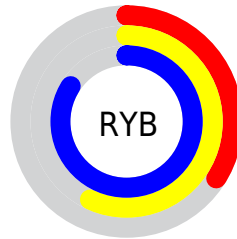
The Hex color **57C1D7** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D76D57**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **94FAFF**, and **008BA0** is the 20% darker color. If you saturate the color by 10%, you get **42BDD7**, and if you desaturate by 10%, it is **6DC5D7**.

# Distribution



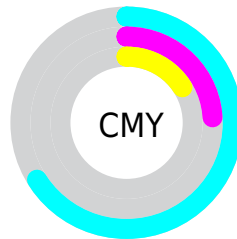
- Red (34%)
- Green (76%)
- Blue (84%)



- Red (34%)
- Yellow (57%)
- Blue (84%)



- Cyan (60%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (66%)
- Magenta (24%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57C1D7 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 57C1D7 by changing the saturation by 10% instead.



■ 57C1D7

■ 57C1D7

FFFFFF

■ 35A6BB

■ 94FAFF

■ 008BA0

■ B1FFFF

■ 007186

■ CFFFFFF

■ 00596D

■ EDFFFF

■ 004154

■ 002A3D

■ 001427

■ 000112

■ 000000

■ 57C1D7

■ 57C1D7

■ 42BDD7

■ 6DC5D7

■ 2CBAD7

■ 82C8D7

■ 17B6D7

■ 98CCD7

■ 01B2D7

■ ADD0D7

■ 00B2D7

■ C3D3D7

■ D8D7D7

■ EEDBD7

■ FDFD7

■ FFE2D7

# Harmonies

## Analogous

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



5FC3BC



57C1D7



72BBE8

# Triad

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



57C1D7



E0A0C7



BEB47A

# Complementary

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



57C1D7



D76D57

# 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.



D8AB7E



57C1D7



EC9EAA

# Square

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



57C1D7



C3A8DF



E9A28F



9EBC86

# Rectangle

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



57C1D7



8DB6EC



E9A28F



C7B179

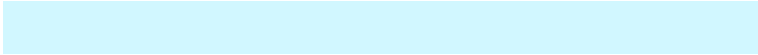


# Sweetspot

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



57C1D7



D1F7FF



57D76C



637B80



000000



808080



# Same Dimension

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



57C1D7



4AE0FF



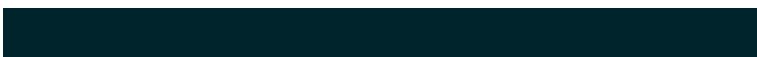
5782D7



60696B



008DAB



00242B



# Inverse Universe

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



D757C1



FF4AE0



D7AC57



6B6069



AB008D

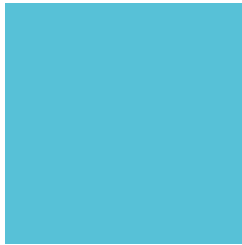


2B0024



# Previews

## White Background



This preview shows how the Hex color 57C1D7 looks on a white background.

## Color Contrast Check

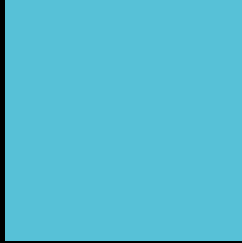
Large Text (above 18pt) WCAG AA × Fail

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 57C1D7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

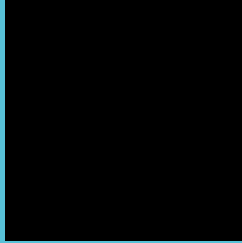
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 57C1D7 Background



This preview shows how black text looks on a background with the Hex color 57C1D7.

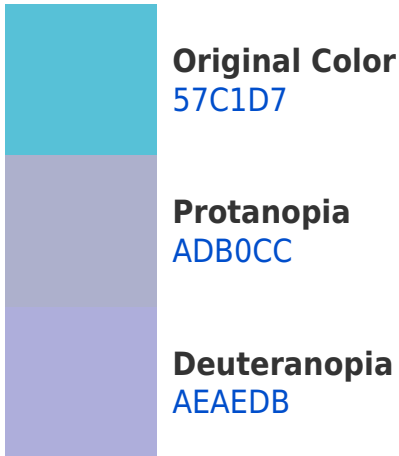


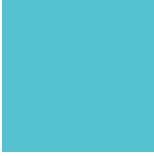
This preview shows how white text looks on a background with the Hex color 57C1D7.

# 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](#).

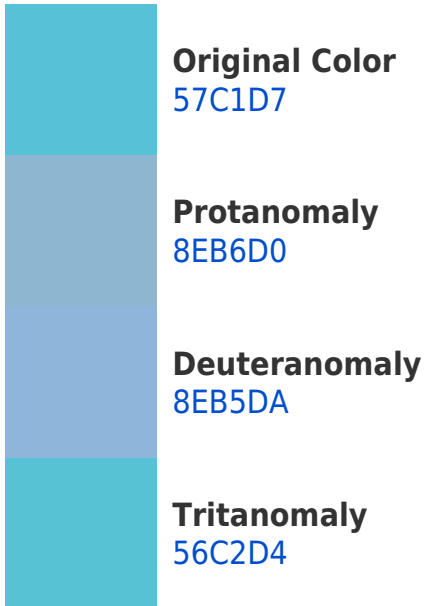
## Dichromacy



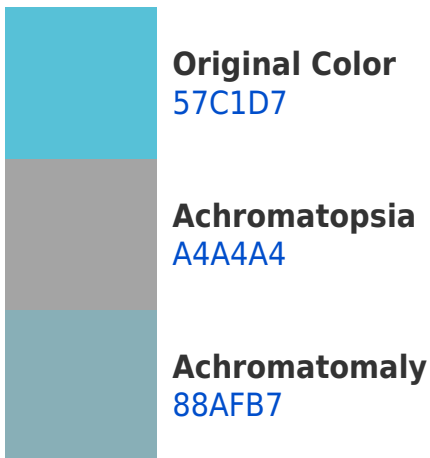


**Tritanopia**  
55C2D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57C1D7 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 #57C1D7 looks like.

```
.text, #text, p{  
    color:#57C1D7  
}
```

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 #57C1D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57C1D7
}
```

## Border

The CSS property to change the border of an element to Hex 57C1D7 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
#57C1D7 }
```

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

```
.border{ border-color:#57C1D7 }
```

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

Here you see how a box with a 4 pixel #57C1D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57C1D7; -webkit-box-shadow:4px 4px  
4px 4px #57C1D7; box-shadow:4px 4px 4px  
4px #57C1D7 }
```

# Background

The CSS property to change the background color of an element to Hex 57C1D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57C1D7 }
```

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

```
.background{ background-color:#57C1D7 }
```

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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