

Converting Colors

Hex(57CED5)

Have a look what the booklet for
Hex(57CED5) contains.

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Color

Hex(57CED5)

Conversions

Conversions Part 1

Format	Color
Hex	57CED5
RGB	87, 206, 213
RGB Percent	34%, 81%, 84%
CMY	0.6588, 0.1922, 0.1647
CMYK	0.59, 0.03, 0.00, 0.16
HSL	183°, 60%, 59%
HSV	183°, 59%, 84%
XYZ	38.0120, 50.9729, 70.7861
YIQ	171.2170, -73.1710, -23.0510

Conversions

Conversions Part 2

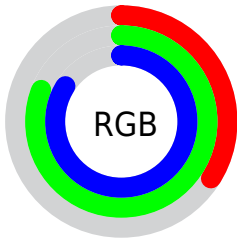
Format	Color
R _Y B	87, 148, 213
Decimal	5754581
CIE Lab	76.66, -31.03, -13.49
CIE LCh	77, 33.834, 203.506
Yxy	50.9729, 0.2379, 0.3190
Android (android.graphics.Color)	4283944661 (0xFF57CED5)
YUV	171.2170, 20.5990, -73.8583
Hunter-Lab	71.3953, -29.9056, -8.8073

Details

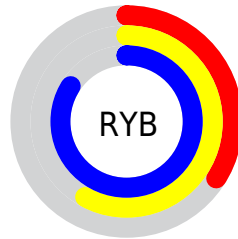
The Hex color **57CED5** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D55E57**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **94FFFF**, and **00979E** is the 20% darker color. If you saturate the color by 10%, you get **42CDD5**, and if you desaturate by 10%, it is **6CCFD5**.

Distribution



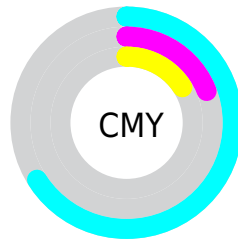
- Red (34%)
- Green (81%)
- Blue (84%)



- Red (34%)
- Yellow (58%)
- Blue (84%)



- Cyan (59%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (66%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57CED5 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 57CED5 by changing the saturation by 10% instead.

 57CED5

 57CED5

FFFFFF

 34B2B9

 94FFFF

 00979E

 B2FFFF

 007D84

 D0FFFF

 00646B

 EFFFFF

 004B53

 00343C

 002026

 000111

 000000

 57CED5

 57CED5

 42CDD5

 6CCFD5

 2CCCD5

 82D0D5

 17CAD5

 97D2D5

 02C9D5

 ACD3D5

 00C9D5

 C2D4D5

 D7D5D5

 ECD6D5

 FFD7D5

 FFD9D5

Harmonies

Analogous

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



71CEB5



57CED5



60CAEF

Triad

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



57CED5



DFADE3



D9B97F

Complementary

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



57CED5



D55E57

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.



F1AE8C



57CED5



F6A6C5

Square

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



57CED5



B8B8F6



FCA7A6



B9C383

Rectangle

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



57CED5



7AC5F8



FCA7A6



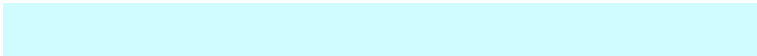
E2B582

Sweetspot

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



57CED5



D1FCFF



57D55D



637E80



000000



808080

Same Dimension

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



57CED5



4AF5FF



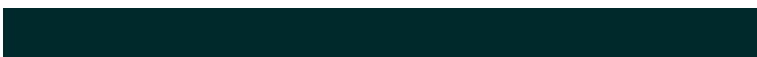
5790D5



606B6B



00A1AB



00292B

Inverse Universe

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



D557CE



FF4AF5



D59C57



6B606B



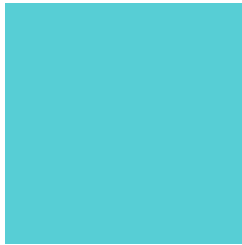
AB00A1



2B0029

Previews

White Background



This preview shows how the Hex color 57CED5 looks on a white background.

Color Contrast Check

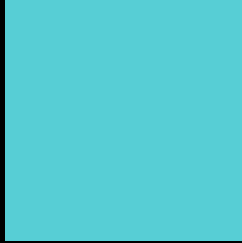
Large Text (above 18pt) WCAG AA × Fail

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 57CED5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

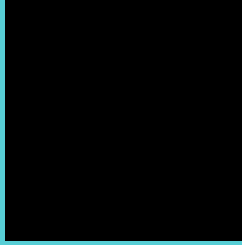
Any Text WCAG AA ✓ Pass

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 57CED5 Background



This preview shows how black text looks on a background with the Hex color 57CED5.

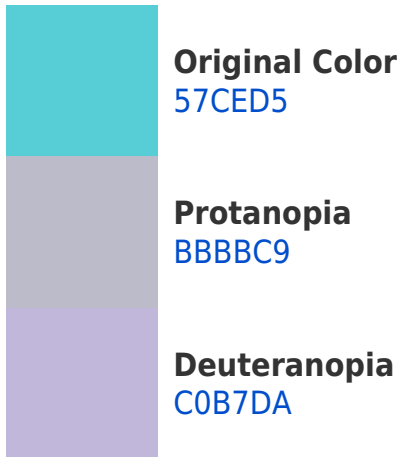


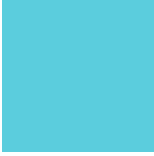
This preview shows how white text looks on a background with the Hex color 57CED5.

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](#).

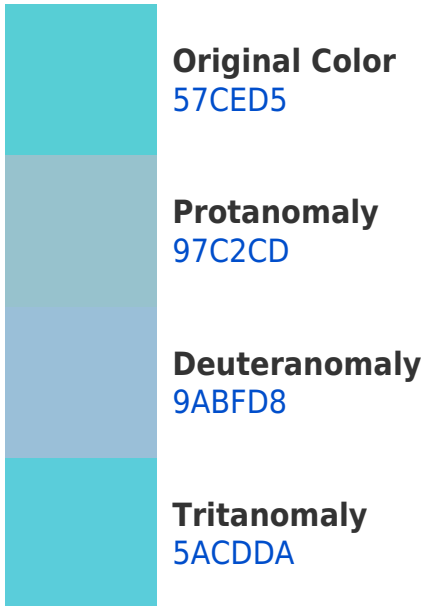
Dichromacy



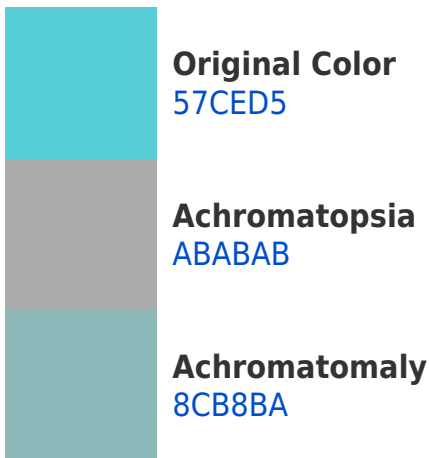


Tritanopia
5BCDDD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57CED5 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 #57CED5 looks like.

```
.text, #text, p{  
    color:#57CED5  
}
```

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 #57CED5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57CED5
}
```

Border

The CSS property to change the border of an element to Hex 57CED5 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
#57CED5 }
```

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

```
.border{ border-color:#57CED5 }
```

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

Here you see how a box with a 4 pixel #57CED5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57CED5; -webkit-box-shadow:4px 4px  
4px 4px #57CED5; box-shadow:4px 4px 4px  
4px #57CED5 }
```

Background

The CSS property to change the background color of an element to Hex 57CED5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57CED5 }
```

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

```
.background{ background-color:#57CED5 }
```

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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