

Converting Colors

Hex(51C5D6)

Have a look what the booklet for
Hex(51C5D6) contains.

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Color

Hex(51C5D6)

Conversions

Conversions Part 1

Format	Color
Hex	51C5D6
RGB	81, 197, 214
RGB Percent	32%, 77%, 84%
CMY	0.6824, 0.2275, 0.1608
CMYK	0.62, 0.08, 0.00, 0.16
HSL	188°, 62%, 58%
HSV	188°, 62%, 84%
XYZ	35.4972, 46.5369, 70.7299
YIQ	164.2540, -74.5930, -19.3050

Conversions

Conversions Part 2

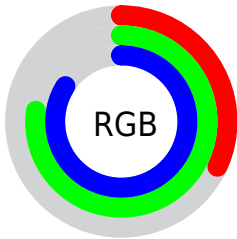
Format	Color
RYB	81, 143, 214
Decimal	5359062
CIELab	73.89, -27.40, -18.22
CIELCh	74, 32.905, 213.633
Yxy	46.5369, 0.2324, 0.3046
Android (android.graphics.Color)	4283549142 (0xFF51C5D6)
YUV	164.2540, 24.5248, -73.0138
Hunter-Lab	68.2179, -26.4990, -13.7207

Details

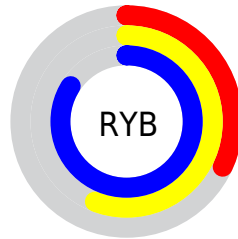
The Hex color **51C5D6** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D66251**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **8FFEFF**, and **008F9F** is the 20% darker color. If you saturate the color by 10%, you get **3CC2D6**, and if you desaturate by 10%, it is **66C8D6**.

Distribution



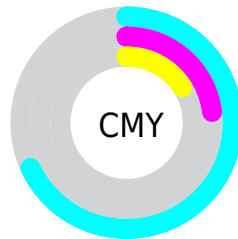
- Red (32%)
- Green (77%)
- Blue (84%)



- Red (32%)
- Yellow (56%)
- Blue (84%)



- Cyan (62%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (68%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51C5D6 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 51C5D6 by changing the saturation by 10% instead.

 51C5D6

 51C5D6

FFFFFF

 2CAABA

 8FFEFF

 008F9F

 ADFFFF

 007585

 CBFFFF

 005C6C

 E9FFFF

 004454

 002D3C

 001827

 000111

 000000

■ 51C5D6

■ 51C5D6

■ 3CC2D6

■ 66C8D6

■ 26C0D6

■ 7CCAD6

■ 11BDD6

■ 91CDD6

■ 00BBD6

■ A7D0D6

■ BCD3D6

■ D1D5D6

■ E7D8D6

■ FCDBD6

■ FFDED6

Harmonies

Analogous

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



61C6B8



51C5D6



67C0EB

Triad

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



51C5D6



DFA3D1



C7B579

Complementary

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



51C5D6



D66251

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.



E1AB80



51C5D6



F09FB3

Square

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



51C5D6



BFADE8



F0A296



A7BE83

Rectangle

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



51C5D6



84BAF1



F0A296



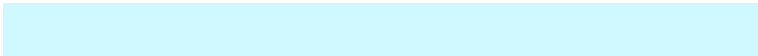
D1B27A

Sweetspot

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



51C5D6



CFF9FF



51D661



627C80



000000



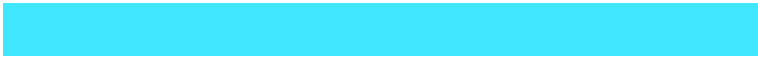
808080

Same Dimension

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



51C5D6



40E7FF



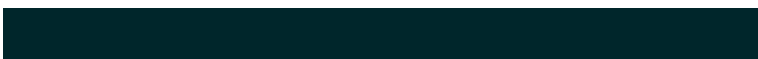
5184D6



606A6B



0095AB



00262B

Inverse Universe

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



D651C5



FF40E7



D6A351



6B606A



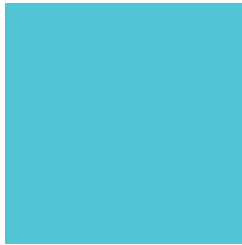
AB0095



2B0026

Previews

White Background



This preview shows how the Hex color 51C5D6 looks on a white background.

Color Contrast Check

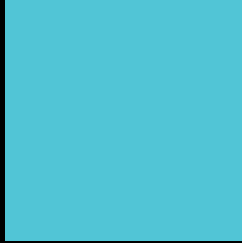
Large Text (above 18pt) WCAG AA × Fail

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 51C5D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

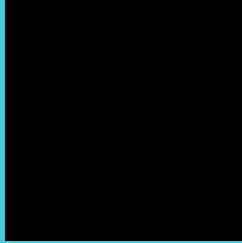
Any Text WCAG AA ✓ Pass

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 51C5D6 Background



This preview shows how black text looks on a background with the Hex color 51C5D6.

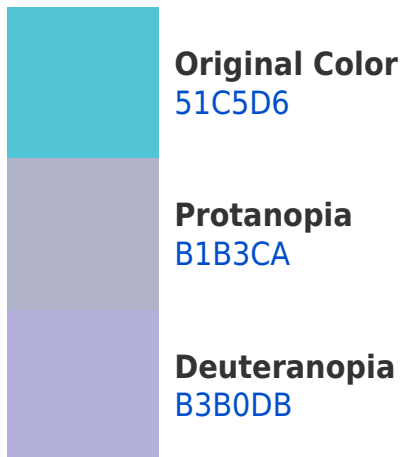


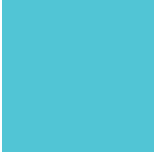
This preview shows how white text looks on a background with the Hex color 51C5D6.

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](#).

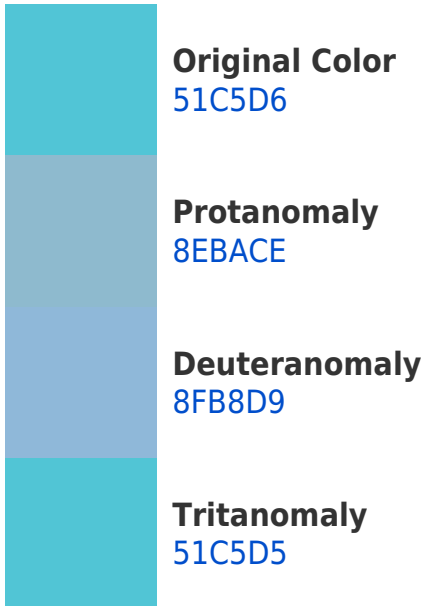
Dichromacy





Tritanopia
51C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51C5D6 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 #51C5D6 looks like.

```
.text, #text, p{  
    color:#51C5D6  
}
```

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 #51C5D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51C5D6
}
```

Border

The CSS property to change the border of an element to Hex 51C5D6 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
#51C5D6 }
```

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

```
.border{ border-color:#51C5D6 }
```

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

Here you see how a box with a 4 pixel #51C5D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51C5D6; -webkit-box-shadow:4px 4px  
4px 4px #51C5D6; box-shadow:4px 4px 4px  
4px #51C5D6 }
```

Background

The CSS property to change the background color of an element to Hex 51C5D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51C5D6 }
```

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

```
.background{ background-color:#51C5D6 }
```

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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