

Converting Colors

Hex(51C5DE)

Have a look what the booklet for
Hex(51C5DE) contains.

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Color

Hex(51C5DE)

Conversions

Conversions Part 1

Format	Color
Hex	51C5DE
RGB	81, 197, 222
RGB Percent	32%, 77%, 87%
CMY	0.6824, 0.2275, 0.1294
CMYK	0.64, 0.11, 0.00, 0.13
HSL	191°, 68%, 59%
HSV	191°, 64%, 87%
XYZ	36.5444, 46.9558, 76.2445
YIQ	165.1660, -77.1610, -16.8170

Conversions

Conversions Part 2

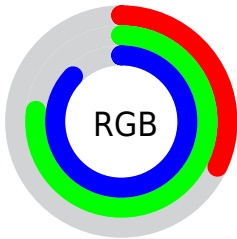
Format	Color
R_{YB}	81, 145, 222
Decimal	5359070
CIE _{Lab}	74.16, -25.05, -22.15
CIE _{LCh}	74, 33.438, 221.486
Yxy	46.9558, 0.2288, 0.2939
Android (android.graphics.Color)	4283549150 (0xFF51C5DE)
YUV	165.1660, 28.0192, -73.8136
Hunter-Lab	68.5243, -24.7224, -18.0029

Details

The Hex color **51C5DE** 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 **DE6A51**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **90FEFF**, and **008FA7** is the 20% darker color. If you saturate the color by 10%, you get **3BC1DE**, and if you desaturate by 10%, it is **67C9DE**.

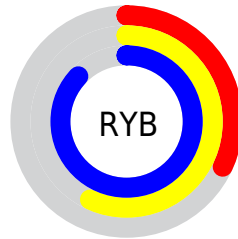
Distribution



Red (32%)

Green (77%)

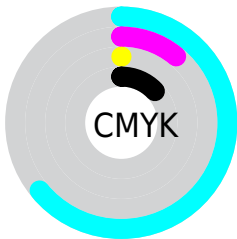
Blue (87%)



Red (32%)

Yellow (57%)

Blue (87%)

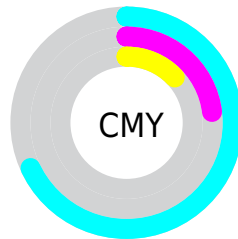


Cyan (64%)

Magenta (11%)

Yellow (0%)

Black (13%)



Cyan (68%)

Magenta (23%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51C5DE 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 51C5DE by changing the saturation by 10% instead.

 51C5DE

 51C5DE

FFFFFF

 2BAAC2

 90FEFF

 008FA7

 AEFFFF

 00758C

 CCFFFF

 005C73

 EBFFFF

 00445A

 002D43

 00192C

 000118

 000000

 51C5DE

 51C5DE

 3BC1DE

 67C9DE

 25BDDE

 7DCDDE

 0EB9DE

 94D1DE

 00B7DE

 AAD5DE

 C0D9DE

 D6DDDE

 ECE1DE

 FFE4DE

 FFE8DE

Harmonies

Analogous

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



59C7C1



51C5DE



71BFF0

Triad

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



51C5DE



E7A2CB



C0B87A

Complementary

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



51C5DE



DE6A51

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.



DCAE7D



51C5DE



F39FAB

Square

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



51C5DE



C9AAE4



EFA48F



9EC187

Rectangle

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



51C5DE



90B9F3



EFA48F



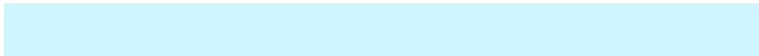
CAB579

Sweetspot

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



51C5DE



CFF6FF



51DE68



627A80



000000



808080

Same Dimension

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



51C5DE



3DDDFE



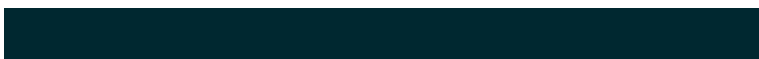
5180DE



656E70



0091B0



002830

Inverse Universe

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



DE51C5



FF3DDD



DEAF51



70656E



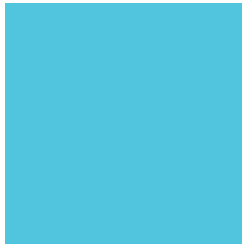
B00091



300028

Previews

White Background



This preview shows how the Hex color 51C5DE looks on a white background.

Color Contrast Check

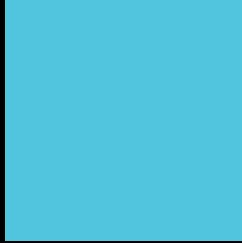
Large Text (above 18pt) WCAG AA × Fail

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 51C5DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

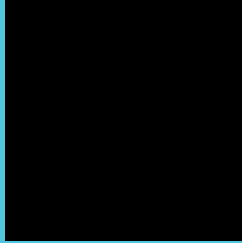
Any Text WCAG AA ✓ Pass

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 51C5DE Background



This preview shows how black text looks on a background with the Hex color 51C5DE.

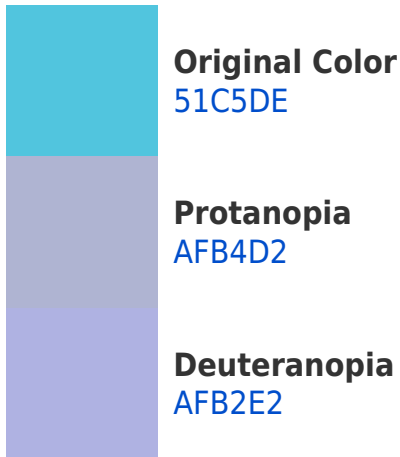


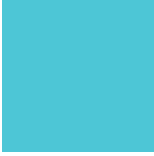
This preview shows how white text looks on a background with the Hex color 51C5DE.

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](#).

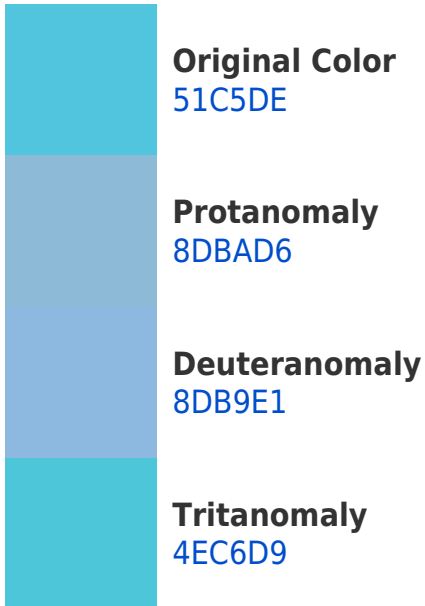
Dichromacy



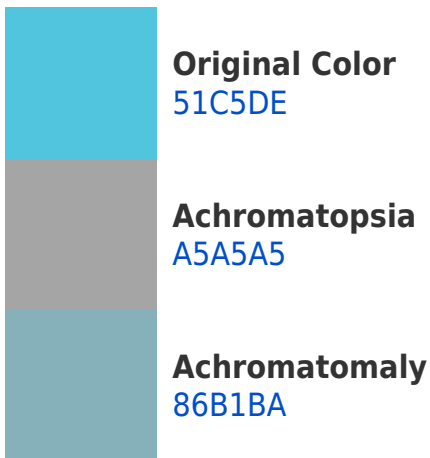


Tritanopia
4DC6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51C5DE 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 #51C5DE looks like.

```
.text, #text, p{  
    color:#51C5DE  
}
```

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 #51C5DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51C5DE
}
```

Border

The CSS property to change the border of an element to Hex 51C5DE 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
#51C5DE }
```

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

```
.border{ border-color:#51C5DE }
```

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

Here you see how a box with a 4 pixel #51C5DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51C5DE; -webkit-box-shadow:4px 4px  
4px 4px #51C5DE; box-shadow:4px 4px 4px  
4px #51C5DE }
```

Background

The CSS property to change the background color of an element to Hex 51C5DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51C5DE }
```

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

```
.background{ background-color:#51C5DE }
```

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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