

Converting Colors

Hex(51CAE3)

Have a look what the booklet for
Hex(51CAE3) contains.

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Color

Hex(51CAE3)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 51CAE3 |
| RGB | 81, 202, 227 |
| RGB Percent | 32%, 79%, 89% |
| CMY | 0.6824, 0.2078, 0.1098 |
| CMYK | 0.64, 0.11, 0.00, 0.11 |
| HSL | 190°, 72%, 60% |
| HSV | 190°, 64%, 89% |
| XYZ | 38.3790, 49.5364, 80.2117 |
| YIQ | 168.6710, -80.1410, -17.8770 |

Conversions

Conversions Part 2

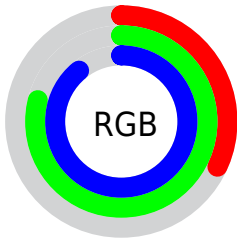
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 81, 147, 227 |
| Decimal | 5360355 |
| CIELab | 75.78, -26.06, -22.38 |
| CIELCh | 76, 34.350, 220.661 |
| Yxy | 49.5364, 0.2283, 0.2946 |
| Android (android.graphics.Color) | 4283550435 (0xFF51CAE3) |
| YUV | 168.6710, 28.7562, -76.8875 |
| Hunter-Lab | 70.3821, -25.8336, -18.3030 |

Details

The Hex color **51CAE3** 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 **E36A51**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **91FFFF**, and **0094AC** is the 20% darker color. If you saturate the color by 10%, you get **3AC6E3**, and if you desaturate by 10%, it is **68CEE3**.

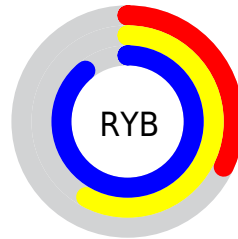
Distribution



Red (32%)

Green (79%)

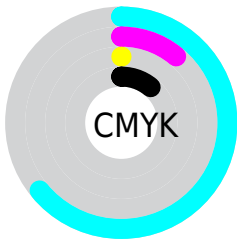
Blue (89%)



Red (32%)

Yellow (58%)

Blue (89%)

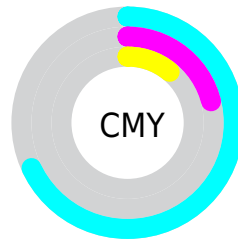


Cyan (64%)

Magenta (11%)

Yellow (0%)

Black (11%)



Cyan (68%)

Magenta (21%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51CAE3 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 51CAE3 by changing the saturation by 10% instead.

 51CAE3

 51CAE3

FFFFFF

 29AEC7

 91FFFF

 0094AC

 AFFFFFFF

 007A91

 CDFFFF

 006177

 ECFFFF

 00485E

 003147

 001E30

 00011B

 000000

■ 51CAE3

■ 51CAE3

■ 3AC6E3

■ 68CEE3

■ 24C2E3

■ 7ED2E3

■ 0DBEE3

■ 95D6E3

■ 00BCE3

■ ACDAE3

■ C3DDE3

■ D9E1E3

■ F0E5E3

■ FFE9E3

■ FFEDE3

Harmonies

Analogous

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



5BCCC5



51CAE3



71C4F6

Triad

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



51CAE3



ECA6D1



C5BC7C

Complementary

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



51CAE3



E36A51

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.



E3B280



51CAE3



F9A3B0

Square

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



51CAE3



CDAFEB



F5A893



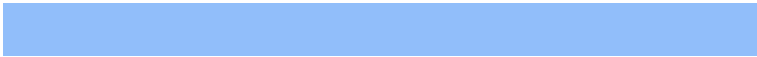
A2C58A

Rectangle

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



51CAE3



91BEFA



F5A893



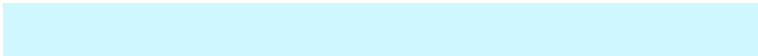
D0B97B

Sweetspot

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



51CAE3



CFF7FF



51E369



627A80



000000



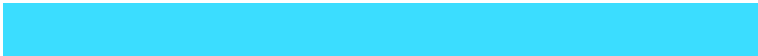
808080

Same Dimension

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



51CAE3



3BDDFF



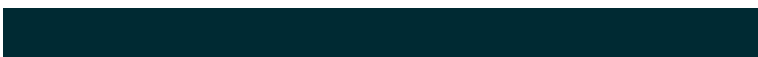
5182E3



677173



0094B3



002A33

Inverse Universe

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



E351CA



FF3BDD



E3B251



736771



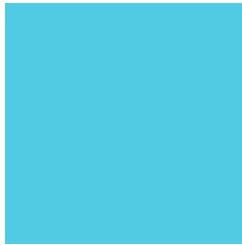
B30094



33002A

Previews

White Background



This preview shows how the Hex color 51CAE3 looks on a white background.

Color Contrast Check

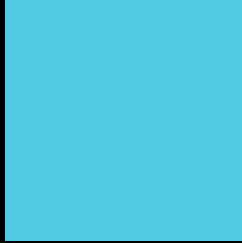
Large Text (above 18pt) WCAG AA × Fail

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 51CAE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

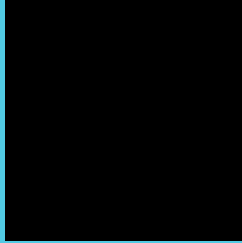
Any Text WCAG AA ✓ Pass

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 51CAE3 Background



This preview shows how black text looks on a background with the Hex color 51CAE3.

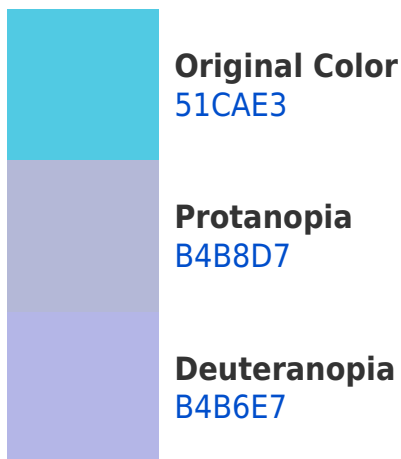


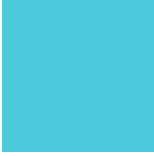
This preview shows how white text looks on a background with the Hex color 51CAE3.

Color Blindness Simulation

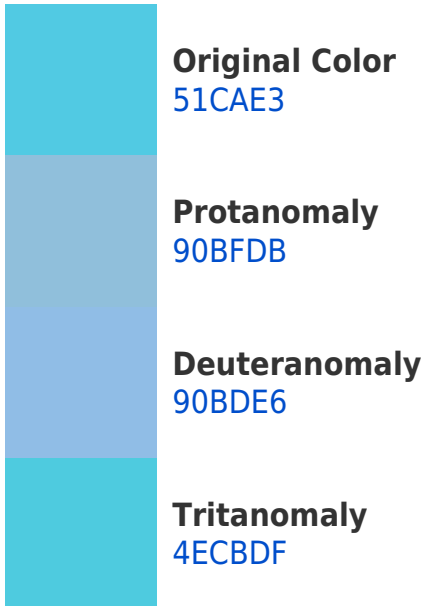
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

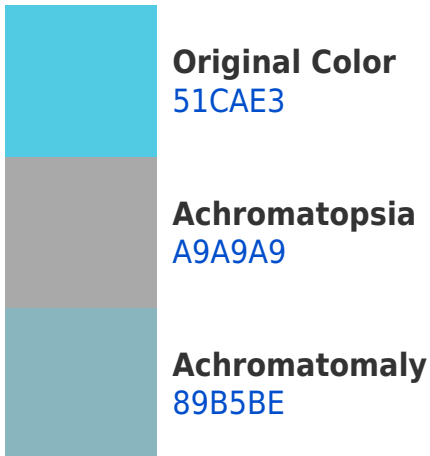




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51CAE3 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 #51CAE3 looks like.

```
.text, #text, p{
  color:#51CAE3
}
```

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 #51CAE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51CAE3  
}
```

Border

The CSS property to change the border of an element to Hex 51CAE3 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  
#51CAE3 }
```

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

```
.border{ border-color:#51CAE3 }
```

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

Here you see how a box with a 4 pixel #51CAE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51CAE3; -webkit-box-shadow:4px 4px  
4px 4px #51CAE3; box-shadow:4px 4px 4px  
4px #51CAE3 }
```

Background

The CSS property to change the background color of an element to Hex 51CAE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51CAE3 }
```

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

```
.background{ background-color:#51CAE3 }
```

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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