

Converting Colors

Hex(51C4E0)

Have a look what the booklet for
Hex(51C4E0) contains.

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Color

Hex(51C4E0)

Conversions

Conversions Part 1

Format	Color
Hex	51C4E0
RGB	81, 196, 224
RGB Percent	32%, 77%, 88%
CMY	0.6824, 0.2314, 0.1216
CMYK	0.64, 0.12, 0.00, 0.12
HSL	192°, 70%, 60%
HSV	192°, 64%, 88%
XYZ	36.5878, 46.6110, 77.5895
YIQ	164.8070, -77.5280, -15.6720

Conversions

Conversions Part 2

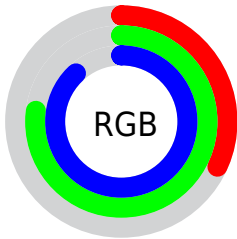
Format	Color
RYB	81, 145, 224
Decimal	5358816
CIELab	73.94, -23.95, -23.57
CIELCh	74, 33.604, 224.540
Yxy	46.6110, 0.2276, 0.2899
Android (android.graphics.Color)	4283548896 (0xFF51C4E0)
YUV	164.8070, 29.1821, -73.4987
Hunter-Lab	68.2723, -23.8164, -19.5908

Details

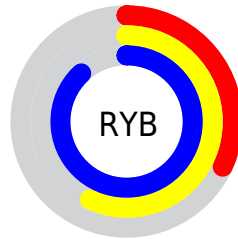
The Hex color **51C4E0** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **E06D51**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **90FDFF**, and **008EA9** is the 20% darker color. If you saturate the color by 10%, you get **3BC0E0**, and if you desaturate by 10%, it is **67C8E0**.

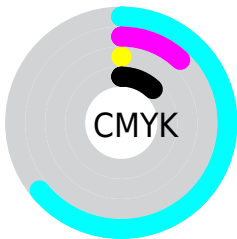
Distribution



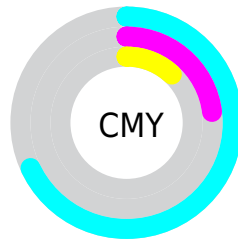
- Red (32%)
- Green (77%)
- Blue (88%)



- Red (32%)
- Yellow (57%)
- Blue (88%)



- Cyan (64%)
- Magenta (12%)
- Yellow (0%)
- Black (12%)



- Cyan (68%)
- Magenta (23%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51C4E0 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 51C4E0 by changing the saturation by 10% instead.

 51C4E0

 51C4E0

FFFFFF

 2BA9C4

 90FDFD

 008EA9

 AEFFFF

 00748E

 CCFFFF

 005B75

 EBFFFF

 00445C

 002D44

 00182E

 000119

 000000

■ 51C4E0

■ 51C4E0

■ 3BC0E0

■ 67C8E0

■ 24BBE0

■ 7ECDE0

■ 0EB7E0

■ 94D1E0

■ 00B4E0

■ ABD6E0

■ C1DAE0

■ D7DEE0

■ EEE3E0

■ FFE7E0

■ FFEBE0

Harmonies

Analogous

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



55C7C4



51C4E0



74BDF1

Triad

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



51C4E0



E8A0C7



BCB979

Complementary

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



51C4E0



E06D51

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.



D9AE7B



51C4E0



F39FA8

Square

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



51C4E0



CDA9E2



EDA48C



99C189

Rectangle

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



51C4E0



93B7F3



EDA48C



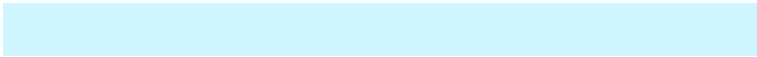
C6B578

Sweetspot

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



51C4E0



CFF6FF



51E06B



627A80



000000



808080

Same Dimension

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



51C4E0



3BD9FF



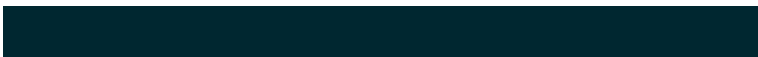
517EE0



656E70



008DB0



002730

Inverse Universe

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



E051C4



FF3BD9



E0B351



70656E



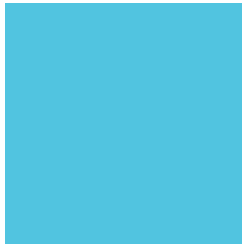
B0008D



300027

Previews

White Background



This preview shows how the Hex color 51C4E0 looks on a white background.

Color Contrast Check

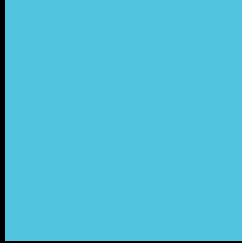
Large Text (above 18pt) WCAG AA × Fail

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 51C4E0 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 51C4E0 Background



This preview shows how black text looks on a background with the Hex color 51C4E0.

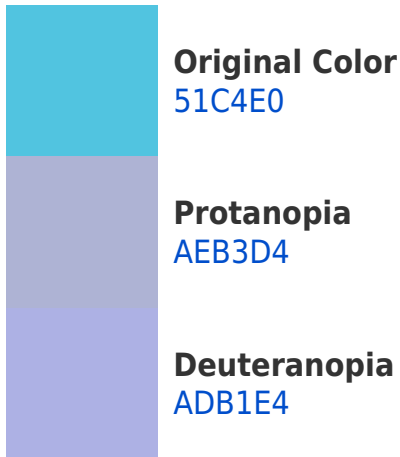


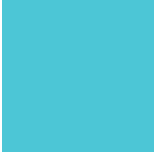
This preview shows how white text looks on a background with the Hex color 51C4E0.

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](#).

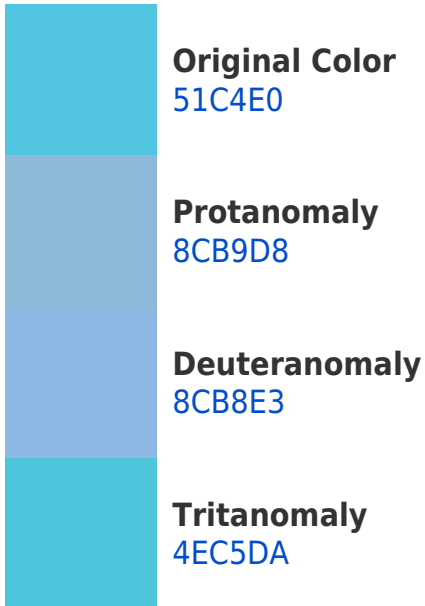
Dichromacy



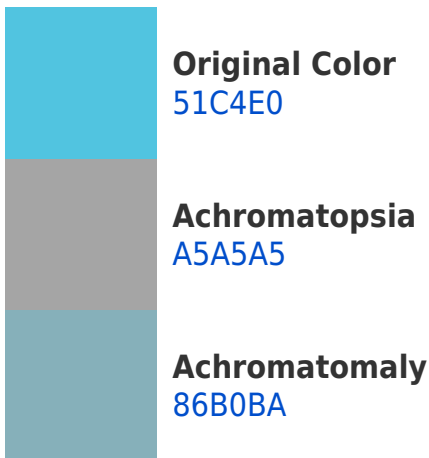


Tritanopia
4CC6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51C4E0 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 #51C4E0 looks like.

```
.text, #text, p{  
    color:#51C4E0  
}
```

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 #51C4E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51C4E0
}
```

Border

The CSS property to change the border of an element to Hex 51C4E0 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
#51C4E0 }
```

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

```
.border{ border-color:#51C4E0 }
```

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

Here you see how a box with a 4 pixel #51C4E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51C4E0; -webkit-box-shadow:4px 4px  
4px 4px #51C4E0; box-shadow:4px 4px 4px  
4px #51C4E0 }
```

Background

The CSS property to change the background color of an element to Hex 51C4E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51C4E0 }
```

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

```
.background{ background-color:#51C4E0 }
```

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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