

Converting Colors

Hex(51D8EA)

Have a look what the booklet for
Hex(51D8EA) contains.

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Color

Hex(51D8EA)

Conversions

Conversions Part 1

Format	Color
Hex	51D8EA
RGB	81, 216, 234
RGB Percent	32%, 85%, 92%
CMY	0.6824, 0.1529, 0.0824
CMYK	0.65, 0.08, 0.00, 0.08
HSL	187°, 78%, 62%
HSV	187°, 65%, 92%
XYZ	42.8005, 56.8016, 86.5499
YIQ	177.6870, -86.2380, -23.0220

Conversions

Conversions Part 2

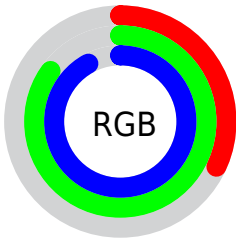
Format	Color
RYB	81, 153, 234
Decimal	5363946
CIELab	80.07, -30.84, -19.63
CIELCh	80, 36.562, 212.478
Yxy	56.8016, 0.2299, 0.3051
Android (android.graphics.Color)	4283554026 (0xFF51D8EA)
YUV	177.6870, 27.7623, -84.7945
Hunter-Lab	75.3668, -30.5226, -15.3308

Details

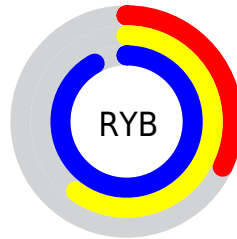
The Hex color **51D8EA** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **EA6351**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **92FFFF**, and **00A1B2** is the 20% darker color. If you saturate the color by 10%, you get **3AD5EA**, and if you desaturate by 10%, it is **68DBEA**.

Distribution



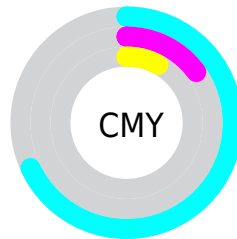
- Red (32%)
- Green (85%)
- Blue (92%)



- Red (32%)
- Yellow (60%)
- Blue (92%)



- Cyan (65%)
- Magenta (8%)
- Yellow (0%)
- Black (8%)



- Cyan (68%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51D8EA 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 51D8EA by changing the saturation by 10% instead.

 51D8EA

 51D8EA

FFFFFF

 27BCCE

 92FFFF

 00A1B2

 B1FFFF

 008698

 D0FFFF


 006D7E

 EFFFFFF

 005465

 003C4D

 002736

 000221

 000006

■ 51D8EA

■ 51D8EA

■ 3AD5EA

■ 68DBEA

■ 22D2EA

■ 80DEEA

■ 0BD0EA

■ 97E0EA

■ 00CEEA

■ AFE3EA

■ C6E6EA

■ DDE9EA

■ F5EBEA

■ FFEEEA

■ FFF1EA

Harmonies

Analogous

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



67D9C8



51D8EA



6AD2FF

Triad

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



51D8EA



F4B2E7



DBC582

Complementary

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



51D8EA



EA6351

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.



F8BA8B



51D8EA



FFADC5

Square

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



51D8EA



CFBDFE



FFB0A4



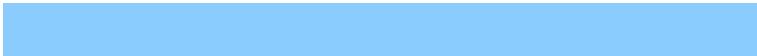
B7CF8C

Rectangle

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



51D8EA



8BCCFF



FFB0A4



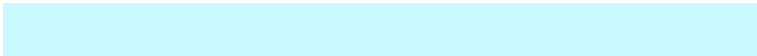
E6C183

Sweetspot

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



51D8EA



CCF9FF



51EA63



617C80



000000



808080

Same Dimension

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



51D8EA



38E8FF



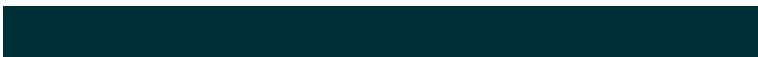
518CEA



6A7475



00A0B5



002F36

Inverse Universe

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



EA51D8



FF38E8



EAAF51



756A74



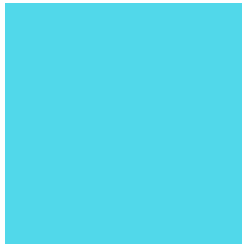
B500A0



36002F

Previews

White Background



This preview shows how the Hex color 51D8EA looks on a white background.

Color Contrast Check

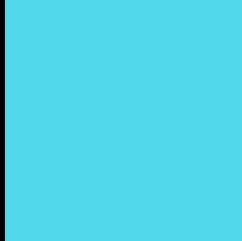
Large Text (above 18pt) WCAG AA × Fail

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 51D8EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

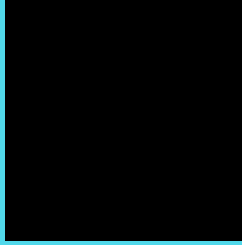
Any Text WCAG AA ✓ Pass

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 51D8EA Background



This preview shows how black text looks on a background with the Hex color 51D8EA.

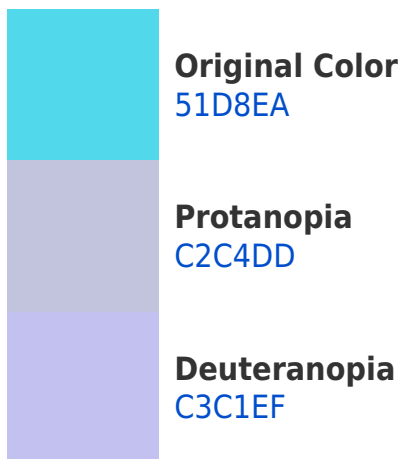


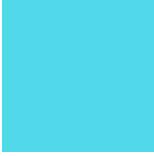
This preview shows how white text looks on a background with the Hex color 51D8EA.

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](#).

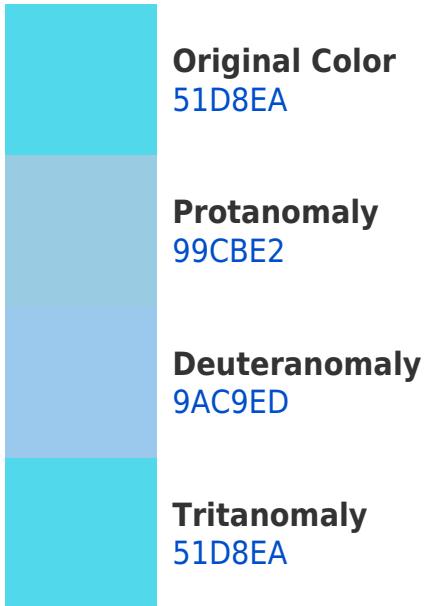
Dichromacy





Tritanopia
51D8EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51D8EA 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 #51D8EA looks like.

```
.text, #text, p{  
    color:#51D8EA  
}
```

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 #51D8EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51D8EA
}
```

Border

The CSS property to change the border of an element to Hex 51D8EA 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
#51D8EA }
```

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

```
.border{ border-color:#51D8EA }
```

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

Here you see how a box with a 4 pixel #51D8EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51D8EA; -webkit-box-shadow:4px 4px  
4px 4px #51D8EA; box-shadow:4px 4px 4px  
4px #51D8EA }
```

Background

The CSS property to change the background color of an element to Hex 51D8EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51D8EA }
```

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

```
.background{ background-color:#51D8EA }
```

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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