

Converting Colors

Hex(51E2D9)

Have a look what the booklet for
Hex(51E2D9) contains.

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Color

Hex(51E2D9)

Conversions

Conversions Part 1

Format	Color
Hex	51E2D9
RGB	81, 226, 217
RGB Percent	32%, 89%, 85%
CMY	0.6824, 0.1137, 0.1490
CMYK	0.64, 0.00, 0.04, 0.11
HSL	176°, 71%, 60%
HSV	176°, 64%, 89%
XYZ	43.1141, 61.1518, 75.1768
YIQ	181.6190, -83.5310, -33.5390

Conversions

Conversions Part 2

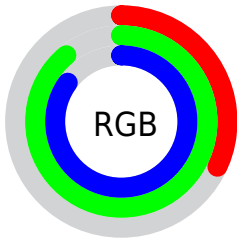
Format	Color
RYB	81, 156, 226
Decimal	5366489
CIELab	82.46, -40.22, -7.01
CIELCh	82, 40.828, 189.885
Yxy	61.1518, 0.2403, 0.3408
Android (android.graphics.Color)	4283556569 (0xFF51E2D9)
YUV	181.6190, 17.4428, -88.2429
Hunter-Lab	78.1996, -38.4363, -2.2584

Details

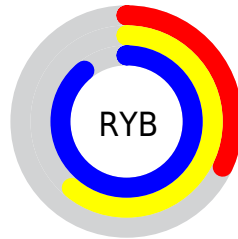
The Hex color **51E2D9** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E2515A**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **92FFFF**, and **00AAA2** is the 20% darker color. If you saturate the color by 10%, you get **3AE2D8**, and if you desaturate by 10%, it is **68E2DA**.

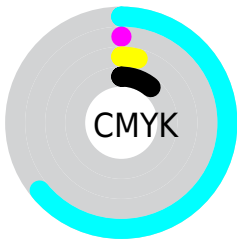
Distribution



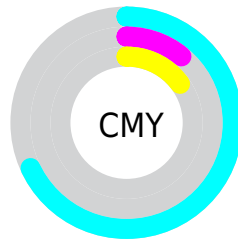
- Red (32%)
- Green (89%)
- Blue (85%)



- Red (32%)
- Yellow (61%)
- Blue (89%)



- Cyan (64%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (68%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51E2D9 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 51E2D9 by changing the saturation by 10% instead.

 51E2D9

 51E2D9

FFFFFF

 27C6BD

 92FFFF

 00AAA2

 B1FFFF

 008F88

 D0FFFF

 00756F

 EEEFFF

 005B56

 00433F

 002C29

 001116

 000000

 51E2D9

 51E2D9

 3AE2D8

 68E2DA

 24E2D6

 7EE2DC

 0DE2D5

 95E2DD

 00E2D4

 ABE2DF

 C2E2E0

 D9E2E1

 EFE2E3

 FFE2E4

 FFE2E6

Harmonies

Analogous

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



82E0B2



51E2D9



3DE0FD

Triad

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



51E2D9



E2BFFF



FDC286

Complementary

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



51E2D9



E2515A

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.



FFB69E



51E2D9



FFB3E8

Square

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



51E2D9



ACCDFE



FFB0C2



DACF81

Rectangle

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



51E2D9



58DBFF



FFB0C2



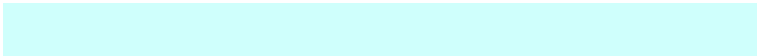
FFBE8C

Sweetspot

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



51E2D9



CFFFC



5BE251



62807E



000000



808080

Same Dimension

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



51E2D9



3BFFF3



51A3E2



657070



00B0A5



00302D

Inverse Universe

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



E2515A



FF3B47



E29051



706566



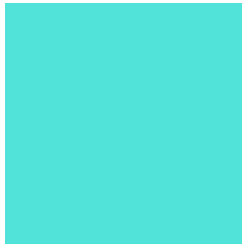
B0000B



300003

Previews

White Background



This preview shows how the Hex color 51E2D9 looks on a white background.

Color Contrast Check

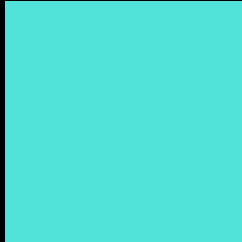
Large Text (above 18pt) WCAG AA × Fail

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 51E2D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

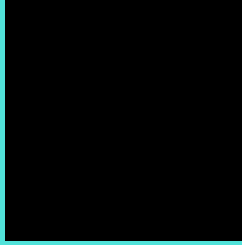
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

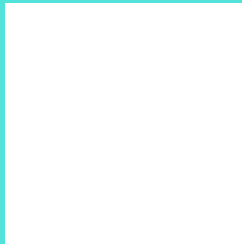
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 51E2D9 Background



This preview shows how black text looks on a background with the Hex color 51E2D9.

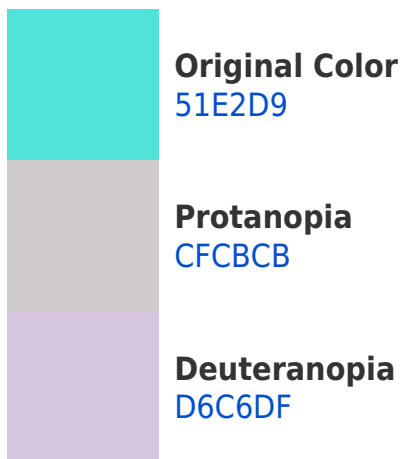


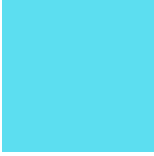
This preview shows how white text looks on a background with the Hex color 51E2D9.

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
5CDEF0

Trichromacy



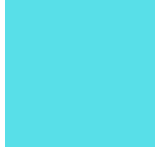
Original Color
51E2D9



Protanomaly
A1D3D0



Deuteranomaly
A6D0DD

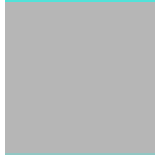


Tritanomaly
58DFE8

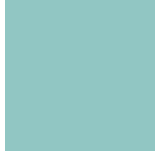
Monochromacy



Original Color
51E2D9



Achromatopsia
B6B6B6



Achromatomaly
91C6C3

CSS Examples

Text

The CSS property to change the color of the text to Hex 51E2D9 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 #51E2D9 looks like.

```
.text, #text, p{  
    color:#51E2D9  
}
```

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 #51E2D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51E2D9  
}
```

Border

The CSS property to change the border of an element to Hex 51E2D9 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  
#51E2D9 }
```

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

```
.border{ border-color:#51E2D9 }
```

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

Here you see how a box with a 4 pixel #51E2D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51E2D9; -webkit-box-shadow:4px 4px  
4px 4px #51E2D9; box-shadow:4px 4px 4px  
4px #51E2D9 }
```

Background

The CSS property to change the background color of an element to Hex 51E2D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51E2D9 }
```

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

```
.background{ background-color:#51E2D9 }
```

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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