

Converting Colors

Hex(51E1C1)

Have a look what the booklet for
Hex(51E1C1) contains.

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Color

Hex(51E1C1)

Conversions

Conversions Part 1

Format	Color
Hex	51E1C1
RGB	81, 225, 193
RGB Percent	32%, 88%, 76%
CMY	0.6824, 0.1176, 0.2431
CMYK	0.64, 0.00, 0.14, 0.12
HSL	167°, 71%, 60%
HSV	167°, 64%, 88%
XYZ	39.9442, 59.4500, 59.8218
YIQ	178.2960, -75.5520, -40.4800

Conversions

Conversions Part 2

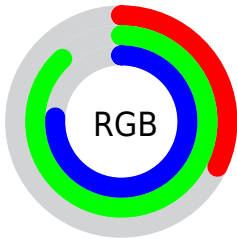
Format	Color
RYB	81, 162, 225
Decimal	5366209
CIELab	81.54, -45.90, 4.36
CIElCh	82, 46.111, 174.570
Yxy	59.4500, 0.2509, 0.3734
Android (android.graphics.Color)	4283556289 (0xFF51E1C1)
YUV	178.2960, 7.2491, -85.3286
Hunter-Lab	77.1038, -42.4585, 7.9719

Details

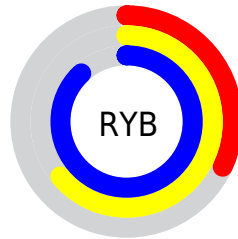
The Hex color **51E1C1** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted cyan. A complement of this color would be **E15171**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **91FFF9**, and **00A98C** is the 20% darker color. If you saturate the color by 10%, you get **3BE1BC**, and if you desaturate by 10%, it is **67E1C6**.

Distribution



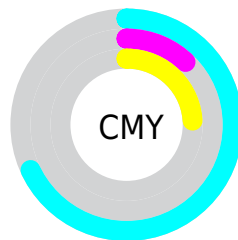
- Red (32%)
- Green (88%)
- Blue (76%)



- Red (32%)
- Yellow (64%)
- Blue (88%)



- Cyan (64%)
- Magenta (0%)
- Yellow (14%)
- Black (12%)



- Cyan (68%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51E1C1 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 51E1C1 by changing the saturation by 10% instead.

 51E1C1

 51E1C1

FFFFFF

 2AC5A6

 91FFF9

 00A98C

 AFFFFFF

 008E72

 CDFFFF

 00735A

 ECFFFF

 005A42

 00412C

 002B18

 000B00

 000000

■ 51E1C1

■ 51E1C1

■ 3BE1BC

■ 67E1C6

■ 24E1B7

■ 7EE1CB

■ 0EE1B2

■ 94E1D0

■ 00E1AF

■ ABE1D5

■ C2E1DA

■ D8E1DF

■ EFE1E4

■ FFE1E9

■ FFE1EE

Harmonies

Analogous

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



90DC97



51E1C1



00E1ED

Triad

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



51E1C1



C4C2FF



FFB686

Complementary

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



51E1C1



E15171

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.



FFABA9



51E1C1



F9B3FD

Square

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



51E1C1



7AD1FF



FFA9D4



EDC574

Rectangle

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



51E1C1



00DEFF



FFA9D4



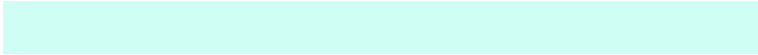
FFB290

Sweetspot

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



51E1C1



CFFFF4



73E151



628079



000000



808080

Same Dimension

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



51E1C1



3BFFD3



51BBE1



65706E



00B089



003026

Inverse Universe

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



E15171



FF3B66



E17751



706567



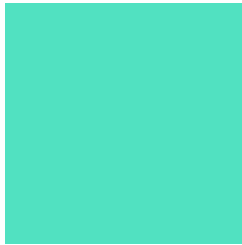
B00027



30000B

Previews

White Background



This preview shows how the Hex color 51E1C1 looks on a white background.

Color Contrast Check

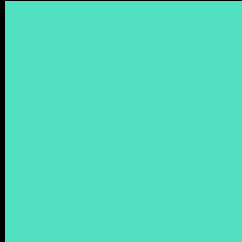
Large Text (above 18pt) WCAG AA × Fail

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 51E1C1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

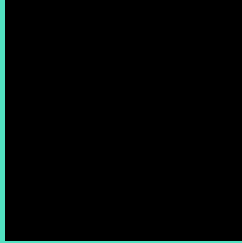
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

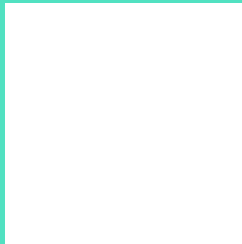
Any Text WCAG AAA ✓ Pass

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

Hex 51E1C1 Background



This preview shows how black text looks on a background with the Hex color 51E1C1.

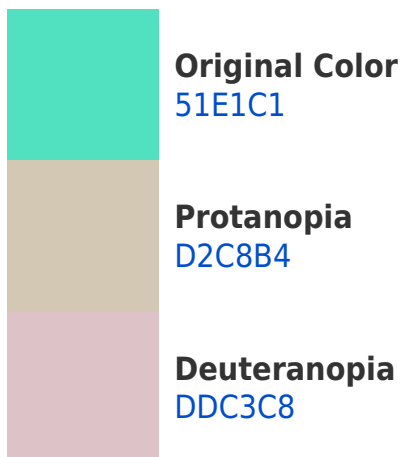


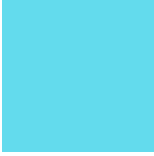
This preview shows how white text looks on a background with the Hex color 51E1C1.

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
63DBED

Trichromacy



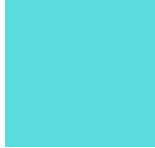
Original Color
51E1C1



Protanomaly
A3D1B9



Deuteranomaly
AACEC5

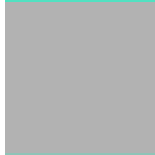


Tritanomaly
5CDDDD

Monochromacy



Original Color
51E1C1



Achromatopsia
B2B2B2



Achromatomaly
8FC3B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 51E1C1 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 #51E1C1 looks like.

```
.text, #text, p{  
    color:#51E1C1  
}
```

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 #51E1C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51E1C1  
}
```

Border

The CSS property to change the border of an element to Hex 51E1C1 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  
#51E1C1 }
```

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

```
.border{ border-color:#51E1C1 }
```

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

Here you see how a box with a 4 pixel #51E1C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51E1C1; -webkit-box-shadow:4px 4px  
4px 4px #51E1C1; box-shadow:4px 4px 4px  
4px #51E1C1 }
```

Background

The CSS property to change the background color of an element to Hex 51E1C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51E1C1 }
```

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

```
.background{ background-color:#51E1C1 }
```

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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