

Converting Colors

Hex(51E0BE)

Have a look what the booklet for
Hex(51E0BE) contains.

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Color

Hex(51E0BE)

Conversions

Conversions Part 1

Format	Color
Hex	51E0BE
RGB	81, 224, 190
RGB Percent	32%, 88%, 75%
CMY	0.6824, 0.1216, 0.2549
CMYK	0.64, 0.00, 0.15, 0.12
HSL	166°, 70%, 60%
HSV	166°, 64%, 88%
XYZ	39.3433, 58.7783, 57.9869
YIQ	177.3670, -74.3140, -40.8900

Conversions

Conversions Part 2

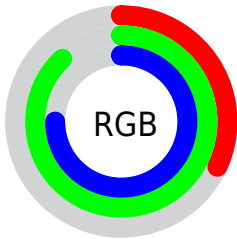
Format	Color
R_{YB}	81, 162, 224
Decimal	5365950
CIE _{Lab}	81.17, -46.20, 5.42
CIE _{LCh}	81, 46.519, 173.309
Yxy	58.7783, 0.2520, 0.3765
Android (android.graphics.Color)	4283556030 (0xFF51E0BE)
YUV	177.3670, 6.2281, -84.5139
Hunter-Lab	76.6670, -42.5664, 8.8231

Details

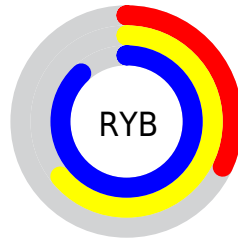
The Hex color **51E0BE** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **E05173**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **90FFF6**, and **00A889** is the 20% darker color. If you saturate the color by 10%, you get **3BE0B9**, and if you desaturate by 10%, it is **67E0C3**.

Distribution



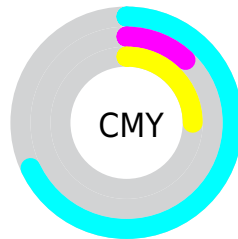
- Red (32%)
- Green (88%)
- Blue (75%)



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



- Cyan (64%)
- Magenta (0%)
- Yellow (15%)
- Black (12%)



- Cyan (68%)
- Magenta (12%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51E0BE 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 51E0BE by changing the saturation by 10% instead.

 51E0BE

 51E0BE

FFFFFF

 2AC4A3

 90FFF6

 00A889

 AFFFFFF

 008D6F

 CDFFFF

 007357

 ECFFFF

 005940

 00402A

 002B15

 000800

 000000

 51E0BE

 51E0BE

 3BE0B9

 67E0C3

 24E0B3

 7EE0C9

 0EE0AE

 94E0CE

 00E0AB

 ABE0D3

 C1E0D9

 D7E0DE

 EEE0E3

 FFE0E9

 FFE0EE

Harmonies

Analogous

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



90DB94



51E0BE



00E0EB

Triad

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



51E0BE



C0C2FF



FFB485

Complementary

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



51E0BE



E05173

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.



FFA9A9



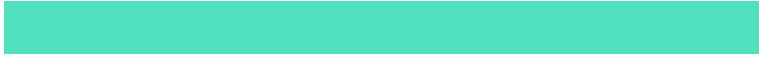
51E0BE



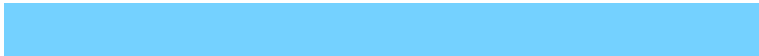
F7B2FE

Square

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



51E0BE



74D1FF



FFA8D5



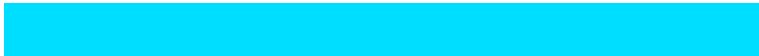
EEC472

Rectangle

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



51E0BE



00DEFF



FFA8D5



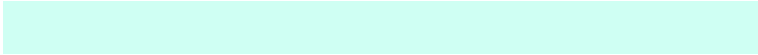
FFB090

Sweetspot

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



51E0BE



CFFF3



75E051



628079



000000



808080

Same Dimension

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



51E0BE



3BFFD0



51BCE0



65706E



00B086



003025

Inverse Universe

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



E05173



FF3B69



E07551



706568



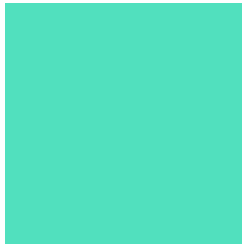
B0002A



30000C

Previews

White Background



This preview shows how the Hex color 51E0BE 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

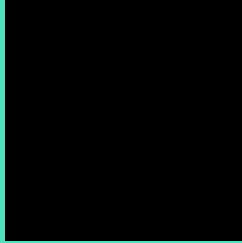
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

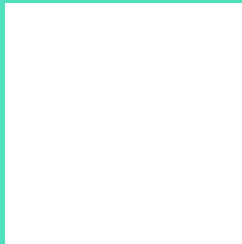
Any Text WCAG AAA ✓ Pass

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

Hex 51E0BE Background



This preview shows how black text looks on a background with the Hex color 51E0BE.

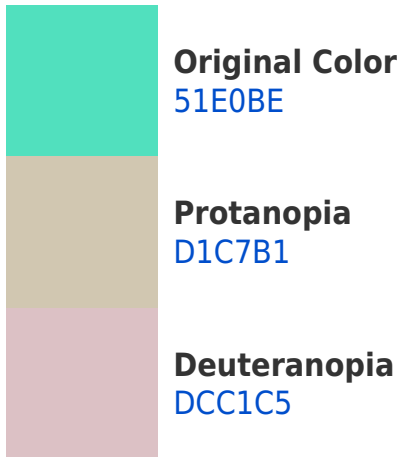


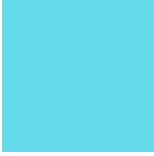
This preview shows how white text looks on a background with the Hex color 51E0BE.

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](#).

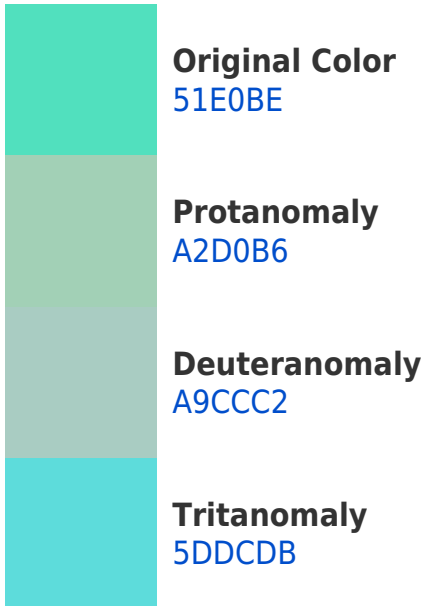
Dichromacy





Tritanopia
64DAEB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51E0BE 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 #51E0BE looks like.

```
.text, #text, p{  
    color:#51E0BE  
}
```

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 #51E0BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51E0BE
}
```

Border

The CSS property to change the border of an element to Hex 51E0BE 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
#51E0BE }
```

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

```
.border{ border-color:#51E0BE }
```

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

Here you see how a box with a 4 pixel #51E0BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51E0BE; -webkit-box-shadow:4px 4px  
4px 4px #51E0BE; box-shadow:4px 4px 4px  
4px #51E0BE }
```

Background

The CSS property to change the background color of an element to Hex 51E0BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51E0BE }
```

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

```
.background{ background-color:#51E0BE }
```

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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