

Converting Colors

Hex(51E1D2)

Have a look what the booklet for
Hex(51E1D2) contains.

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Color

Hex(51E1D2)

Conversions

Conversions Part 1

Format	Color
Hex	51E1D2
RGB	81, 225, 210
RGB Percent	32%, 88%, 82%
CMY	0.6824, 0.1176, 0.1765
CMYK	0.64, 0.00, 0.07, 0.12
HSL	174°, 71%, 60%
HSV	174°, 64%, 88%
XYZ	41.9514, 60.2529, 70.3917
YIQ	180.2340, -81.0090, -35.1930

Conversions

Conversions Part 2

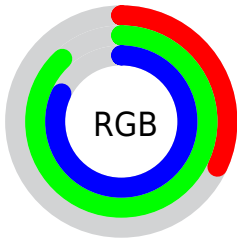
Format	Color
RYB	81, 157, 225
Decimal	5366226
CIELab	81.98, -41.62, -4.01
CIElCh	82, 41.810, 185.507
Yxy	60.2529, 0.2431, 0.3491
Android (android.graphics.Color)	4283556306 (0xFF51E1D2)
YUV	180.2340, 14.6746, -87.0282
Hunter-Lab	77.6227, -39.3690, 0.5692

Details

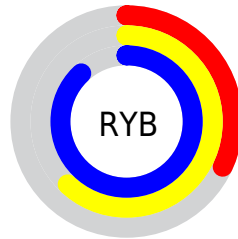
The Hex color **51E1D2** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E15160**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **92FFFF**, and **00A99C** is the 20% darker color. If you saturate the color by 10%, you get **3BE1D0**, and if you desaturate by 10%, it is **67E1D4**.

Distribution



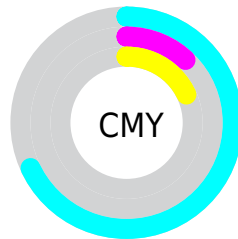
- Red (32%)
- Green (88%)
- Blue (82%)



- Red (32%)
- Yellow (62%)
- Blue (88%)



- Cyan (64%)
- Magenta (0%)
- Yellow (7%)
- Black (12%)



- Cyan (68%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51E1D2 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 51E1D2 by changing the saturation by 10% instead.

 51E1D2

 51E1D2

FFFFFF

 28C5B6

 92FFFF

 00A99C

 B0FFFF

 008E82

 CFFFFFF

 007469

 EDFFFF

 005A51

 00423A

 002C24

 000E10

 000000

■ 51E1D2

■ 51E1D2

■ 3BE1D0

■ 67E1D4

■ 24E1CD

■ 7EE1D7

■ 0EE1CB

■ 94E1D9

■ 00E1CA

■ ABE1DB

■ C2E1DE

■ D8E1E0

■ EFE1E2

■ FFE1E5

■ FFE1E7

Harmonies

Analogous

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



85DEAA



51E1D2



2DDFF8

Triad

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



51E1D2



DABFFF



FFBE85

Complementary

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



51E1D2



E15160

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.



FFB2A0



51E1D2



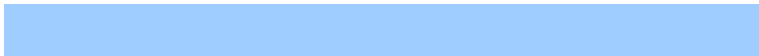
FFB2ED

Square

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



51E1D2



A0CFFF



FFADC6



DFCC7D

Rectangle

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



51E1D2



47DBFF



FFADC6



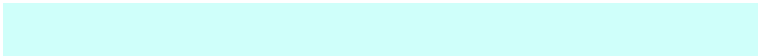
FFBA8D

Sweetspot

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



51E1D2



CFFFA



62E151



62807C



000000



808080

Same Dimension

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



51E1D2



3BFFEB



51AAE1



65706F



00B09E



00302B

Inverse Universe

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



E15160



FF3B4F



E18851



706566



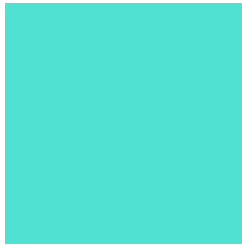
B00012



300005

Previews

White Background



This preview shows how the Hex color 51E1D2 looks on a white background.

Color Contrast Check

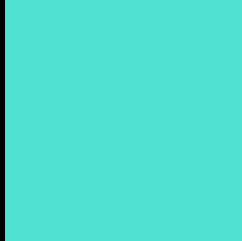
Large Text (above 18pt) WCAG AA × Fail

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 51E1D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

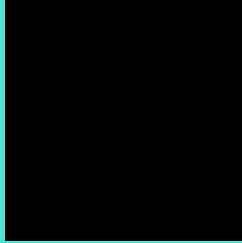
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

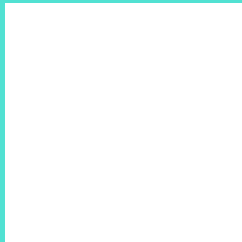
Any Text WCAG AAA ✓ Pass

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

Hex 51E1D2 Background



This preview shows how black text looks on a background with the Hex color 51E1D2.



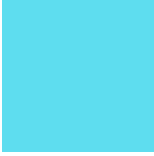
This preview shows how white text looks on a background with the Hex color 51E1D2.

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





Trichromacy



Original Color
51E1D2



Protanomaly
A1D2C9



Deuteranomaly
A7CFD6

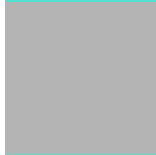


Tritanomaly
59DEE4

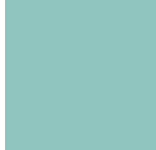
Monochromacy



Original Color
51E1D2



Achromatopsia
B4B4B4



Achromatomaly
90C4BF

CSS Examples

Text

The CSS property to change the color of the text to Hex 51E1D2 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 #51E1D2 looks like.

```
.text, #text, p{  
    color:#51E1D2  
}
```

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 #51E1D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51E1D2
}
```

Border

The CSS property to change the border of an element to Hex 51E1D2 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
#51E1D2 }
```

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

```
.border{ border-color:#51E1D2 }
```

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

Here you see how a box with a 4 pixel #51E1D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51E1D2; -webkit-box-shadow:4px 4px  
4px 4px #51E1D2; box-shadow:4px 4px 4px  
4px #51E1D2 }
```

Background

The CSS property to change the background color of an element to Hex 51E1D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51E1D2 }
```

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

```
.background{ background-color:#51E1D2 }
```

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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