

Converting Colors

Hex(50E2CA)

Have a look what the booklet for
Hex(50E2CA) contains.

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Color

Hex(50E2CA)

Conversions

Conversions Part 1

Format	Color
Hex	50E2CA
RGB	80, 226, 202
RGB Percent	31%, 89%, 79%
CMY	0.6863, 0.1137, 0.2078
CMYK	0.65, 0.00, 0.11, 0.11
HSL	170°, 72%, 60%
HSV	170°, 65%, 89%
XYZ	41.1653, 60.3625, 65.3586
YIQ	179.6100, -79.3120, -38.4160

Conversions

Conversions Part 2

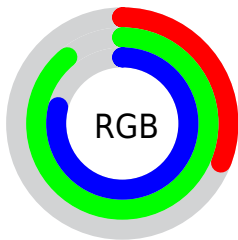
Format	Color
RYB	80, 160, 226
Decimal	5300938
CIELab	82.03, -44.27, 0.31
CIELCh	82, 44.267, 179.593
Yxy	60.3625, 0.2467, 0.3617
Android (android.graphics.Color)	4283491018 (0xFF50E2CA)
YUV	179.6100, 11.0383, -87.3580
Hunter-Lab	77.6933, -41.3861, 4.5082

Details

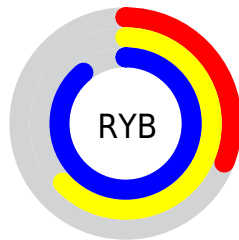
The Hex color **50E2CA** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **E25068**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **90FFFF**, and **00AA94** is the 20% darker color. If you saturate the color by 10%, you get **39E2C6**, and if you desaturate by 10%, it is **67E2CE**.

Distribution



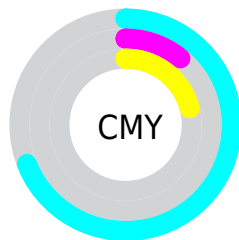
- Red (31%)
- Green (89%)
- Blue (79%)



- Red (31%)
- Yellow (63%)
- Blue (89%)



- Cyan (65%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)



- Cyan (69%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50E2CA 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 50E2CA by changing the saturation by 10% instead.

 50E2CA

 50E2CA

FFFFFF

 27C6AF

 90FFFF

 00AA94

 AFFFFFFF

 008F7A

 CEFFFF

 007462

 ECFFFF

 005B4A

 004233

 002C1E

 000E06

 000000

 50E2CA

 50E2CA

 39E2C6

 67E2CE

 23E2C3

 7DE2D1

 0CE2BF

 94E2D5

 00E2BD

 AAE2D9

 C1E2DD

 D8E2E0

 EEE2E4

 FFE2E8

 FFE2EB

Harmonies

Analogous

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



8BDEA1



50E2CA



00E1F4

Triad

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



50E2CA



D0C1FF



FFBB85

Complementary

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



50E2CA



E25068

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.



FFAFA5



50E2CA



FFB3F7

Square

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



50E2CA



8ED0FF



FFACCE



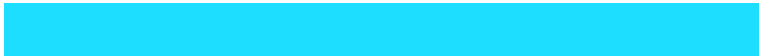
E8C978

Rectangle

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



50E2CA



1DDEFF



FFACCE



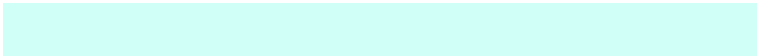
FFB68E

Sweetspot

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



50E2CA



CFFFF7



68E250



62807B



000000



808080

Same Dimension

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



50E2CA



38FFDE



50B1E2



65706E



00B093



003028

Inverse Universe

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



E25068



FF3859



E28150



706567



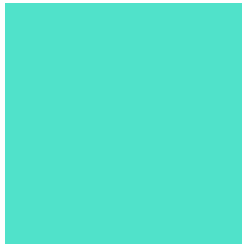
B0001D



300008

Previews

White Background



This preview shows how the Hex color 50E2CA looks on a white background.

Color Contrast Check

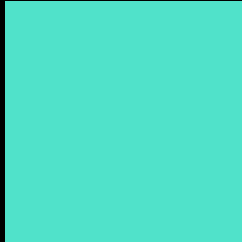
Large Text (above 18pt) WCAG AA × Fail

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 50E2CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

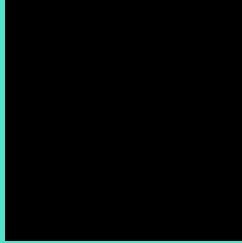
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

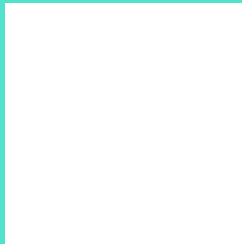
Any Text WCAG AAA ✓ Pass

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

Hex 50E2CA Background



This preview shows how black text looks on a background with the Hex color 50E2CA.

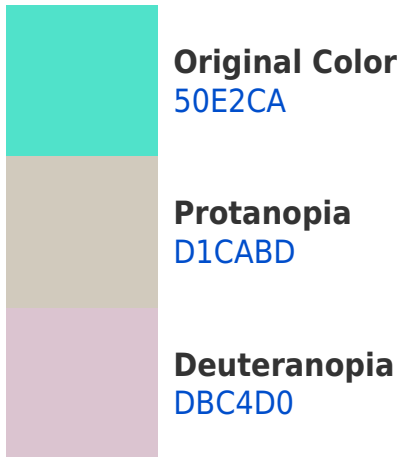


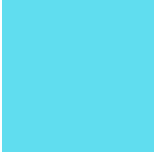
This preview shows how white text looks on a background with the Hex color 50E2CA.

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



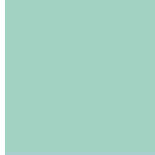


Tritanopia
60DDEF

Trichromacy



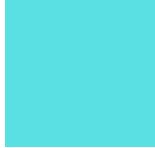
Original Color
50E2CA



Protanomaly
A2D3C2



Deuteranomaly
A8CFCE

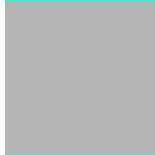


Tritanomaly
5ADFE2

Monochromacy



Original Color
50E2CA



Achromatopsia
B4B4B4



Achromatomaly
90C5BC

CSS Examples

Text

The CSS property to change the color of the text to Hex 50E2CA 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 #50E2CA looks like.

```
.text, #text, p{  
    color:#50E2CA  
}
```

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 #50E2CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50E2CA
}
```

Border

The CSS property to change the border of an element to Hex 50E2CA 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
#50E2CA }
```

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

```
.border{ border-color:#50E2CA }
```

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

Here you see how a box with a 4 pixel #50E2CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50E2CA; -webkit-box-shadow:4px 4px  
4px 4px #50E2CA; box-shadow:4px 4px 4px  
4px #50E2CA }
```

Background

The CSS property to change the background color of an element to Hex 50E2CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50E2CA }
```

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

```
.background{ background-color:#50E2CA }
```

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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