

Converting Colors

Hex(52E0CE)

Have a look what the booklet for
Hex(52E0CE) contains.

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Color

Hex(52E0CE)

Conversions

Conversions Part 1

Format	Color
Hex	52E0CE
RGB	82, 224, 206
RGB Percent	32%, 88%, 81%
CMY	0.6784, 0.1216, 0.1922
CMYK	0.63, 0.00, 0.08, 0.12
HSL	172°, 70%, 60%
HSV	172°, 63%, 88%
XYZ	41.2759, 59.5614, 67.7135
YIQ	179.4900, -78.8540, -35.7020

Conversions

Conversions Part 2

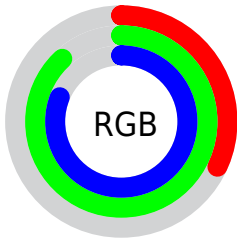
Format	Color
R _Y B	82, 158, 224
Decimal	5431502
CIE Lab	81.60, -42.05, -2.44
CIE LCh	82, 42.120, 183.320
Yxy	59.5614, 0.2449, 0.3534
Android (android.graphics.Color)	4283621582 (0xFF52E0CE)
YUV	179.4900, 13.0694, -85.4987
Hunter-Lab	77.1760, -39.5912, 2.0027

Details

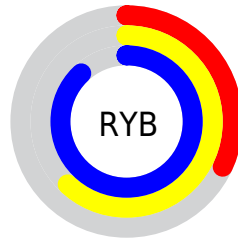
The Hex color **52E0CE** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E05264**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **92FFFF**, and **00A898** is the 20% darker color. If you saturate the color by 10%, you get **3CE0CB**, and if you desaturate by 10%, it is **68E0D1**.

Distribution



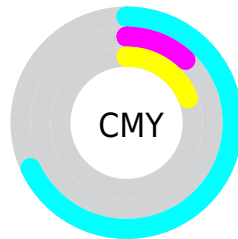
- Red (32%)
- Green (88%)
- Blue (81%)



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



- Cyan (63%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)



- Cyan (68%)
- Magenta (12%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52E0CE 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 52E0CE by changing the saturation by 10% instead.

 52E0CE

 52E0CE

FFFFFF

 2AC4B3

 92FFFF

 00A898

 B0FFFF

 008D7E

 CFFFFFF

 007365

 EDFFFF

 00594D

 004137

 002B21

 000B0B

 000000

 52E0CE

 52E0CE

 3CE0CB

 68E0D1

 25E0C8

 7FE0D4

 0FE0C5

 95E0D7

 00E0C4

 ACE0D9

 C2E0DC

 D8E0DF

 EFE0E2

 FFE0E5

 FFE0E8

Harmonies

Analogous

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



87DDA6



52E0CE



27DFF5

Triad

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



52E0CE



D5BFFF



FFBC85

Complementary

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



52E0CE



E05264

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.



FFB0A1



52E0CE



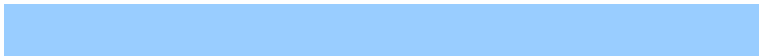
FFB2EF

Square

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



52E0CE



99CFFF



FFACC8



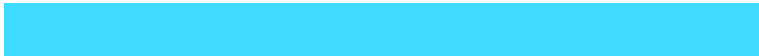
E1CA7B

Rectangle

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



52E0CE



3FDBFF



FFACC8



FFB88D

Sweetspot

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



52E0CE



CFFFF9



65E052



62807C



000000



808080

Same Dimension

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



52E0CE



3DFFE6



52ACE0



65706F



00B09A



00302A

Inverse Universe

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



E05264



FF3D56



E08652



706566



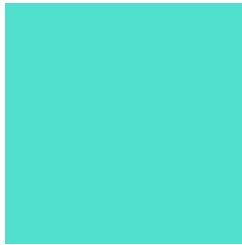
B00016



300006

Previews

White Background



This preview shows how the Hex color 52E0CE looks on a white background.

Color Contrast Check

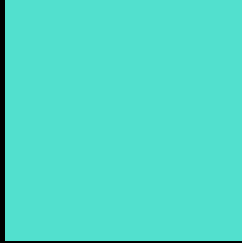
Large Text (above 18pt) WCAG AA × Fail

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 52E0CE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

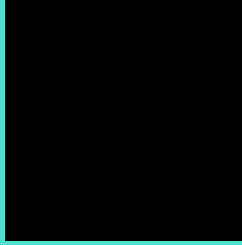
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

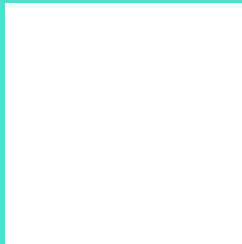
Any Text WCAG AAA ✓ Pass

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

Hex 52E0CE Background



This preview shows how black text looks on a background with the Hex color 52E0CE.



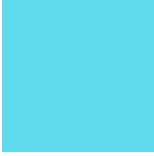
This preview shows how white text looks on a background with the Hex color 52E0CE.

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



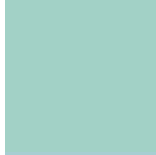


Tritanopia
60DBED

Trichromacy



Original Color
52E0CE



Protanomaly
A2D1C6



Deuteranomaly
A7CED2

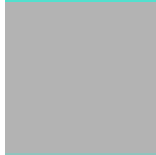


Tritanomaly
5BDDE2

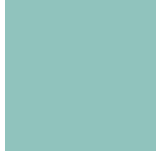
Monochromacy



Original Color
52E0CE



Achromatopsia
B3B3B3



Achromatomaly
90C3BD

CSS Examples

Text

The CSS property to change the color of the text to Hex 52E0CE 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 #52E0CE looks like.

```
.text, #text, p{  
    color:#52E0CE  
}
```

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 #52E0CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52E0CE
}
```

Border

The CSS property to change the border of an element to Hex 52E0CE 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
#52E0CE }
```

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

```
.border{ border-color:#52E0CE }
```

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

Here you see how a box with a 4 pixel #52E0CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52E0CE; -webkit-box-shadow:4px 4px  
4px 4px #52E0CE; box-shadow:4px 4px 4px  
4px #52E0CE }
```

Background

The CSS property to change the background color of an element to Hex 52E0CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52E0CE }
```

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

```
.background{ background-color:#52E0CE }
```

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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