

Converting Colors

Hex(53E0CD)

Have a look what the booklet for
Hex(53E0CD) contains.

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Color

Hex(53E0CD)

Conversions

Conversions Part 1

Format	Color
Hex	53E0CD
RGB	83, 224, 205
RGB Percent	33%, 88%, 80%
CMY	0.6745, 0.1216, 0.1961
CMYK	0.63, 0.00, 0.08, 0.12
HSL	172°, 69%, 60%
HSV	172°, 63%, 88%
XYZ	41.2424, 59.5581, 67.0798
YIQ	179.6750, -77.9370, -35.8010

Conversions

Conversions Part 2

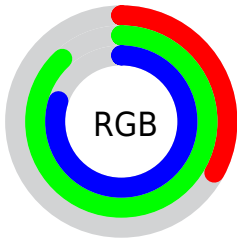
Format	Color
RYB	83, 159, 224
Decimal	5497037
CIELab	81.60, -42.14, -1.91
CIELCh	82, 42.187, 182.592
Yxy	59.5581, 0.2457, 0.3548
Android (android.graphics.Color)	4283687117 (0xFF53E0CD)
YUV	179.6750, 12.4852, -84.7840
Hunter-Lab	77.1739, -39.6624, 2.4867

Details

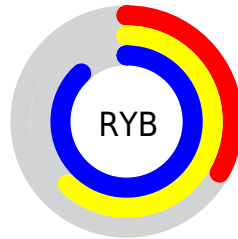
The Hex color **53E0CD** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E05366**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **93FFFF**, and **00A897** is the 20% darker color. If you saturate the color by 10%, you get **3DE0CA**, and if you desaturate by 10%, it is **69E0D0**.

Distribution



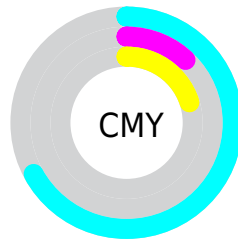
- Red (33%)
- Green (88%)
- Blue (80%)



- Red (33%)
- Yellow (62%)
- Blue (88%)



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



- Cyan (67%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53E0CD 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 53E0CD by changing the saturation by 10% instead.

 53E0CD

 53E0CD

FFFFFF

 2CC4B2

 93FFFF

 00A897

 B1FFFF

 008D7D

 CFFFFFF

 007364

 EFFFFFF

 00594C

 004136

 002B20

 000B0A

 000000

 53E0CD

 53E0CD

 3DE0CA

 69E0D0

 26E0C7

 80E0D3

 10E0C4

 96E0D6

 00E0C2

 ADE0D9

 C3E0DC

 D9E0DF

 F0E0E2

 FFE0E5

 FFE0E8

Harmonies

Analogous

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



88DDA5



53E0CD



26DFF4

Triad

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



53E0CD



D4BFFF



FFBC86

Complementary

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



53E0CD



E05366

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.



FFB0A2



53E0CD



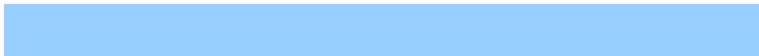
FFB2F0

Square

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



53E0CD



98CFFF



FFACC9



E2CA7B

Rectangle

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



53E0CD



3DDBFF



FFACC9



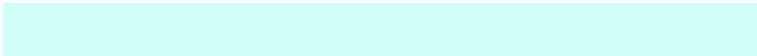
FFB78D

Sweetspot

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



53E0CD



CFFFF8



68E053



62807C



000000



808080

Same Dimension

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



53E0CD



3DFFE5



53AFE0



65706F



00B098



00302A

Inverse Universe

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



E05366



FF3D57



E08453



706566



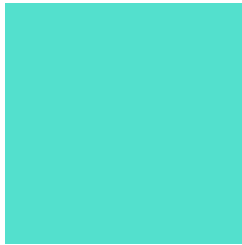
B00018



300007

Previews

White Background



This preview shows how the Hex color 53E0CD looks on a white background.

Color Contrast Check

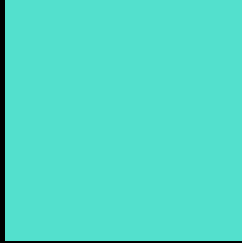
Large Text (above 18pt) WCAG AA × Fail

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 53E0CD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

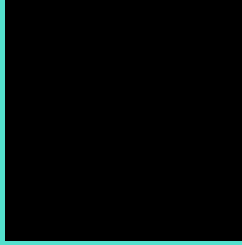
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

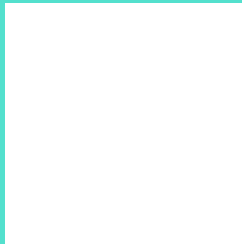
Any Text WCAG AAA ✓ Pass

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

Hex 53E0CD Background



This preview shows how black text looks on a background with the Hex color 53E0CD.

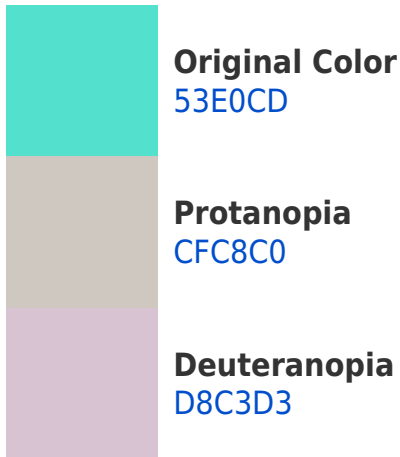


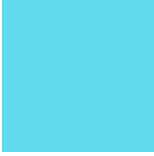
This preview shows how white text looks on a background with the Hex color 53E0CD.

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



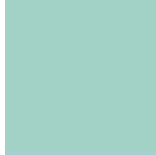


Tritanopia
61DBED

Trichromacy



Original Color
53E0CD



Protanomaly
A2D1C5



Deuteranomaly
A8CED1

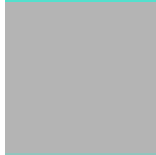


Tritanomaly
5CDDE1

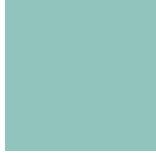
Monochromacy



Original Color
53E0CD



Achromatopsia
B4B4B4



Achromatomaly
91C4BD

CSS Examples

Text

The CSS property to change the color of the text to Hex 53E0CD 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 #53E0CD looks like.

```
.text, #text, p{  
    color:#53E0CD  
}
```

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 #53E0CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53E0CD
}
```

Border

The CSS property to change the border of an element to Hex 53E0CD 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
#53E0CD }
```

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

```
.border{ border-color:#53E0CD }
```

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

Here you see how a box with a 4 pixel #53E0CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53E0CD; -webkit-box-shadow:4px 4px  
4px 4px #53E0CD; box-shadow:4px 4px 4px  
4px #53E0CD }
```

Background

The CSS property to change the background color of an element to Hex 53E0CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53E0CD }
```

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

```
.background{ background-color:#53E0CD }
```

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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