

Converting Colors

Hex(53E6D0)

Have a look what the booklet for
Hex(53E6D0) contains.

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Color

Hex(53E6D0)

Conversions

Conversions Part 1

Format	Color
Hex	53E6D0
RGB	83, 230, 208
RGB Percent	33%, 90%, 82%
CMY	0.6745, 0.0980, 0.1843
CMYK	0.64, 0.00, 0.10, 0.10
HSL	171°, 75%, 61%
HSV	171°, 64%, 90%
XYZ	43.2493, 62.9867, 69.5527
YIQ	183.5390, -80.5500, -38.0060

Conversions

Conversions Part 2

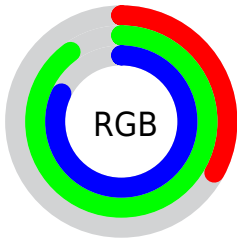
Format	Color
RYB	83, 162, 230
Decimal	5498576
CIELab	83.44, -44.02, -0.81
CIELCh	83, 44.031, 181.048
Yxy	62.9867, 0.2460, 0.3583
Android (android.graphics.Color)	4283688656 (0xFF53E6D0)
YUV	183.5390, 12.0593, -88.1727
Hunter-Lab	79.3642, -41.6142, 3.5947

Details

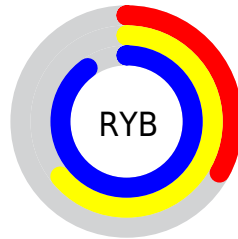
The Hex color **53E6D0** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **E65369**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **93FFFF**, and **00AE9A** is the 20% darker color. If you saturate the color by 10%, you get **3CE6CD**, and if you desaturate by 10%, it is **6AE6D3**.

Distribution



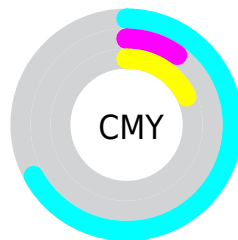
- Red (33%)
- Green (90%)
- Blue (82%)



- Red (33%)
- Yellow (64%)
- Blue (90%)



- Cyan (64%)
- Magenta (0%)
- Yellow (10%)
- Black (10%)



- Cyan (67%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53E6D0 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 53E6D0 by changing the saturation by 10% instead.

 53E6D0

 53E6D0


FFFFFF

 2BCAB4

 93FFFF

 00AE9A

 B2FFFF

 009380

 D1FFFF

 007867

 EFFFFFF

 005F4F

 004638

 002F23

 00150D

 000000

 53E6D0

 53E6D0

 3CE6CD

 6AE6D3

 25E6C9

 81E6D7

 0EE6C6

 98E6DA

 00E6C4

 AFE6DE

 C6E6E1

 DDE6E5

 F4E6E8

 FFE6EC

 FFE6EF

Harmonies

Analogous

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



8DE2A6



53E6D0



13E5F9

Triad

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



53E6D0



D6C5FF



FFBF88

Complementary

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



53E6D0



E65369

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.



FFB3A7



53E6D0



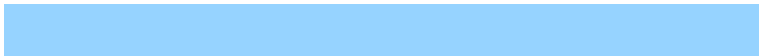
FFB7F9

Square

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



53E6D0



96D3FF



FFB0D0



EACE7C

Rectangle

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



53E6D0



30E1FF



FFB0D0



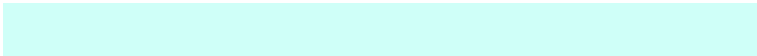
FFBB91

Sweetspot

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



53E6D0



CFFF8



69E653



62807B



000000



808080

Same Dimension

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



53E6D0



3BFFE2



53B3E6



677371



00B398



00332B

Inverse Universe

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



E65369



FF3B58



E68653



736769



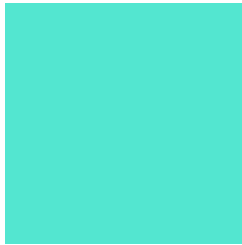
B3001B



330008

Previews

White Background



This preview shows how the Hex color 53E6D0 looks on a white background.

Color Contrast Check

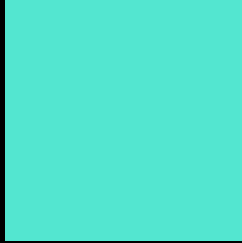
Large Text (above 18pt) WCAG AA × Fail

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 53E6D0 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 53E6D0 Background



This preview shows how black text looks on a background with the Hex color 53E6D0.

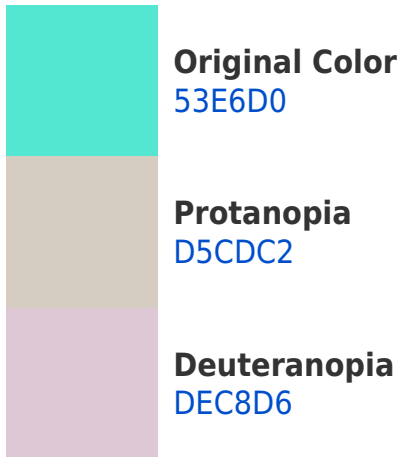


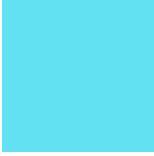
This preview shows how white text looks on a background with the Hex color 53E6D0.

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
62E1F3

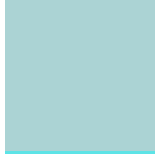
Trichromacy



Original Color
53E6D0



Protanomaly
A6D6C7



Deuteranomaly
ABD3D4

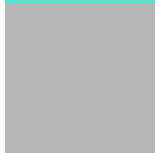


Tritanomaly
5DE3E6

Monochromacy



Original Color
53E6D0



Achromatopsia
B8B8B8



Achromatomaly
93C9C1

CSS Examples

Text

The CSS property to change the color of the text to Hex 53E6D0 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 #53E6D0 looks like.

```
.text, #text, p{  
    color:#53E6D0  
}
```

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 #53E6D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53E6D0
}
```

Border

The CSS property to change the border of an element to Hex 53E6D0 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
#53E6D0 }
```

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

```
.border{ border-color:#53E6D0 }
```

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

Here you see how a box with a 4 pixel #53E6D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53E6D0; -webkit-box-shadow:4px 4px  
4px 4px #53E6D0; box-shadow:4px 4px 4px  
4px #53E6D0 }
```

Background

The CSS property to change the background color of an element to Hex 53E6D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53E6D0 }
```

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

```
.background{ background-color:#53E6D0 }
```

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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