

Converting Colors

Hex(53E3D4)

Have a look what the booklet for
Hex(53E3D4) contains.

Hex(53E3D4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(53E3D4)

Conversions

Conversions Part 1

Format	Color
Hex	53E3D4
RGB	83, 227, 212
RGB Percent	33%, 89%, 83%
CMY	0.6745, 0.1098, 0.1686
CMYK	0.63, 0.00, 0.07, 0.11
HSL	174°, 72%, 61%
HSV	174°, 63%, 89%
XYZ	42.9200, 61.5306, 71.9018
YIQ	182.2340, -81.0090, -35.1930

Conversions

Conversions Part 2

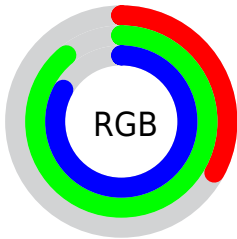
Format	Color
R _Y B	83, 159, 227
Decimal	5497812
CIE Lab	82.66, -41.67, -4.05
CIE LCh	83, 41.870, 185.557
Yxy	61.5306, 0.2434, 0.3489
Android (android.graphics.Color)	4283687892 (0xFF53E3D4)
YUV	182.2340, 14.6746, -87.0282
Hunter-Lab	78.4415, -39.6045, 0.5620

Details

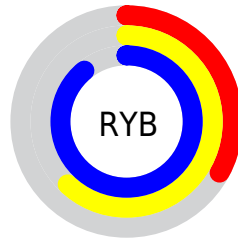
The Hex color **53E3D4** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E35362**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **93FFFF**, and **00AB9E** is the 20% darker color. If you saturate the color by 10%, you get **3CE3D2**, and if you desaturate by 10%, it is **6AE3D6**.

Distribution



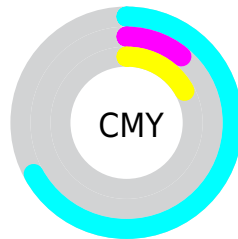
- Red (33%)
- Green (89%)
- Blue (83%)



- Red (33%)
- Yellow (62%)
- Blue (89%)



- Cyan (63%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (67%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53E3D4 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 53E3D4 by changing the saturation by 10% instead.

 53E3D4

 53E3D4

FFFFFF

 2BC7B8

 93FFFF

 00AB9E

 B2FFFF

 009083

 D1FFFF

 00766A

 EFFFFF

 005C52

 00443B

 002D26

 001111

 000000

53E3D4

53E3D4

3CE3D2

6AE3D6

26E3CF

80E3D9

0FE3CD

97E3DB

00E3CB

AEE3DD

C4E3E0

DBE3E2

F2E3E5

FFE3E7

FFE3E9

Harmonies

Analogous

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



87E0AC



53E3D4



31E1FA

Triad

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



53E3D4



DCC1FF



FFC087

Complementary

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



53E3D4



E35362

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.



FFB4A2



53E3D4



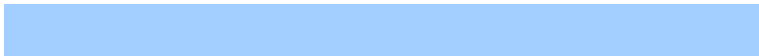
FFB4EF

Square

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



53E3D4



A2CFFF



FFAFC8



E1CE7F

Rectangle

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



53E3D4



4ADDFE



FFAFC8



FFBC8E

Sweetspot

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



53E3D4



CFFFFA



64E353



62807C



000000



808080

Same Dimension

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



53E3D4



3DFFEB



53ACE3



677372



00B3A0



00332E

Inverse Universe

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



E35362



FF3D51



E38A53



736768



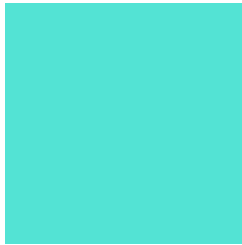
B30013



330005

Previews

White Background



This preview shows how the Hex color 53E3D4 looks on a white background.

Color Contrast Check

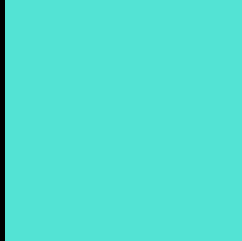
Large Text (above 18pt) WCAG AA × Fail

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 53E3D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

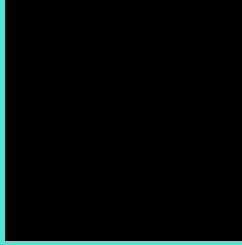
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

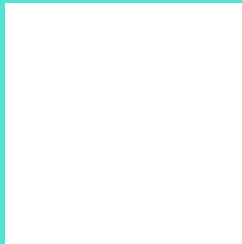
Any Text WCAG AAA ✓ Pass

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

Hex 53E3D4 Background



This preview shows how black text looks on a background with the Hex color 53E3D4.

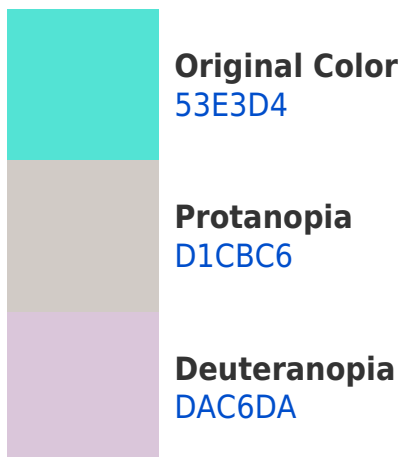


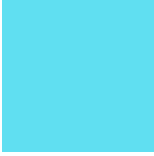
This preview shows how white text looks on a background with the Hex color 53E3D4.

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
60DFF1

Trichromacy



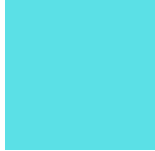
Original Color
53E3D4



Protanomaly
A3D4CB



Deuteranomaly
A9D1D8

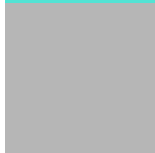


Tritanomaly
5BE0E6

Monochromacy



Original Color
53E3D4



Achromatopsia
B6B6B6



Achromatomaly
92C6C1

CSS Examples

Text

The CSS property to change the color of the text to Hex 53E3D4 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 #53E3D4 looks like.

```
.text, #text, p{  
    color:#53E3D4  
}
```

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 #53E3D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53E3D4
}
```

Border

The CSS property to change the border of an element to Hex 53E3D4 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
#53E3D4 }
```

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

```
.border{ border-color:#53E3D4 }
```

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

Here you see how a box with a 4 pixel #53E3D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53E3D4; -webkit-box-shadow:4px 4px  
4px 4px #53E3D4; box-shadow:4px 4px 4px  
4px #53E3D4 }
```

Background

The CSS property to change the background color of an element to Hex 53E3D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53E3D4 }
```

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

```
.background{ background-color:#53E3D4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor