

# Converting Colors

Hex(54E0D3)

Have a look what the booklet for  
Hex(54E0D3) contains.

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**Color**

**Hex(54E0D3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54E0D3
RGB	84, 224, 211
RGB Percent	33%, 88%, 83%
CMY	0.6706, 0.1216, 0.1725
CMYK	0.63, 0.00, 0.06, 0.12
HSL	174°, 69%, 60%
HSV	174°, 63%, 88%
XYZ	42.0697, 59.8993, 70.9724
YIQ	180.6580, -79.2670, -33.7230

# Conversions

## Conversions Part 2

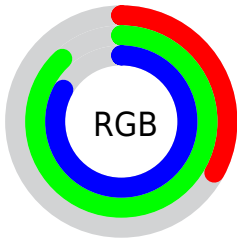
Format	Color
<a href="#">RYB</a>	<a href="#">84, 157, 224</a>
Decimal	<a href="#">5562579</a>
CIELab	<a href="#">81.78, -40.43, -4.82</a>
CIELCh	<a href="#">82, 40.718, 186.795</a>
Yxy	<a href="#">59.8993, 0.2433, 0.3464</a>
Android (android.graphics.Color)	<a href="#">4283752659</a> ( <a href="#">0xFF54E0D3</a> )
YUV	<a href="#">180.6580, 14.9586, -84.7691</a>
Hunter-Lab	<a href="#">77.3946, -38.4127, -0.1939</a>

# Details

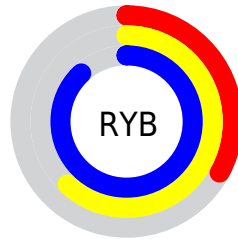
The Hex color **54E0D3** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E05461**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **94FFFF**, and **00A89D** is the 20% darker color. If you saturate the color by 10%, you get **3EE0D1**, and if you desaturate by 10%, it is **6AE0D5**.

# Distribution



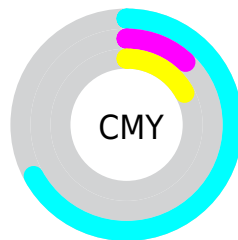
- Red (33%)
- Green (88%)
- Blue (83%)



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



- Cyan (63%)
- Magenta (0%)
- Yellow (6%)
- Black (12%)



- Cyan (67%)
- Magenta (12%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54E0D3 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 54E0D3 by changing the saturation by 10% instead.



 54E0D3

 54E0D3

FFFFFF

 2DC4B7

 94FFFF

 00A89D

 B2FFFF

 008D83

 D1FFFF

 007369

 EFFFFF

 005A51

 00413A

 002B25

 000D11

 000000

 54E0D3

 54E0D3

 3EE0D1

 6AE0D5

 27E0CF

 81E0D7

 11E0CD

 97E0D9

 00E0CB

 AEE0DB

 C4E0DD

 DAE0DF

 F1E0E2

 FFE0E4

 FFE0E6

# Harmonies

## Analogous

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



85DDAC



54E0D3



39DEF8

# Triad

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



54E0D3



DBBEFF



FEBF86

# Complementary

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



54E0D3



E05461

# 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.



FFB39F



54E0D3



FFB2EA

# Square

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



54E0D3



A3CCFF



FFAEC4



DCCC7F

# Rectangle

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



54E0D3



51DAFF



FFAEC4



FFBA8D



# Sweetspot

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



54E0D3



CFFFFB



62E054



62807D



000000



808080



# Same Dimension

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



54E0D3



40FFED



54A8E0



65706F



00B0A0



00302C



# Inverse Universe

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



E05461



FF4052



E08C54



706566



B00010

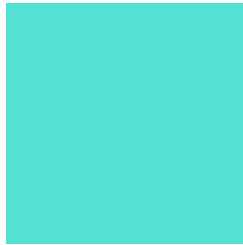


300004



# Previews

## White Background



This preview shows how the Hex color 54E0D3 looks on a white background.

## Color Contrast Check

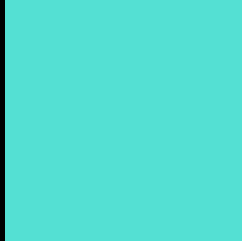
Large Text (above 18pt) WCAG AA × Fail

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 54E0D3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

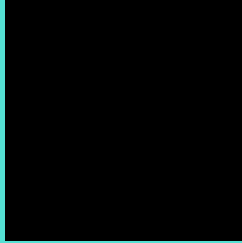
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

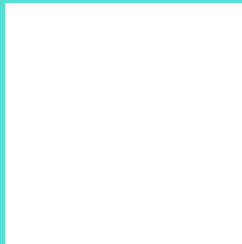
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 54E0D3 Background



This preview shows how black text looks on a background with the Hex color 54E0D3.

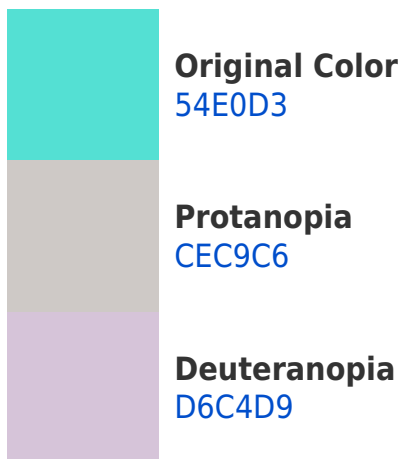


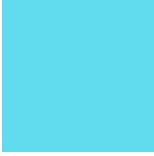
This preview shows how white text looks on a background with the Hex color 54E0D3.

# 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**  
60DCEE

# Trichromacy



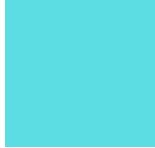
**Original Color**  
54E0D3



**Protanomaly**  
A2D1CB



**Deuteranomaly**  
A7CED7

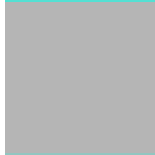


**Tritanomaly**  
5CDDE4

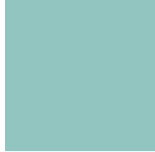
# Monochromacy



**Original Color**  
54E0D3



**Achromatopsia**  
B5B5B5



**Achromatomaly**  
92C5C0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54E0D3 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 #54E0D3 looks like.

```
.text, #text, p{  
    color:#54E0D3  
}
```

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 #54E0D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54E0D3
}
```

## Border

The CSS property to change the border of an element to Hex 54E0D3 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
#54E0D3 }
```

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

```
.border{ border-color:#54E0D3 }
```

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

Here you see how a box with a 4 pixel #54E0D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54E0D3; -webkit-box-shadow:4px 4px  
4px 4px #54E0D3; box-shadow:4px 4px 4px  
4px #54E0D3 }
```

# Background

The CSS property to change the background color of an element to Hex 54E0D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54E0D3 }
```

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

```
.background{ background-color:#54E0D3 }
```

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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