

Converting Colors

Hex(57E3E3)

Have a look what the booklet for
Hex(57E3E3) contains.

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Color

Hex(57E3E3)

Conversions

Conversions Part 1

Format	Color
Hex	57E3E3
RGB	87, 227, 227
RGB Percent	34%, 89%, 89%
CMY	0.6588, 0.1098, 0.1098
CMYK	0.62, 0.00, 0.00, 0.11
HSL	180°, 71%, 62%
HSV	180°, 62%, 89%
XYZ	45.2647, 62.5105, 82.3531
YIQ	185.1400, -83.4400, -29.6800

Conversions

Conversions Part 2

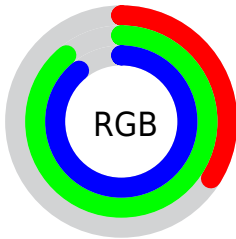
Format	Color
R _{YB}	87, 157, 227
Decimal	5759971
CIE _{Lab}	83.18, -37.06, -11.22
CIE _{LCh}	83, 38.718, 196.839
Yxy	62.5105, 0.2381, 0.3288
Android (android.graphics.Color)	4283950051 (0xFF57E3E3)
YUV	185.1400, 20.6370, -86.0688
Hunter-Lab	79.0636, -36.1681, -6.4123

Details

The Hex color **57E3E3** 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 **E35757**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **97FFFF**, and **00ABAC** is the 20% darker color. If you saturate the color by 10%, you get **40E3E3**, and if you desaturate by 10%, it is **6EE3E3**.

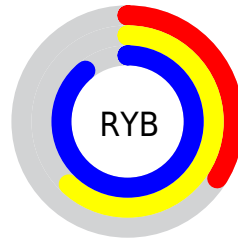
Distribution



Red (34%)

Green (89%)

Blue (89%)



Red (34%)

Yellow (62%)

Blue (89%)

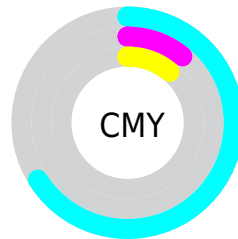


Cyan (62%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (66%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57E3E3 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 57E3E3 by changing the saturation by 10% instead.

 57E3E3

 57E3E3

FFFFFF

 30C7C7

 97FFFF

 00ABAC

 B6FFFF

 009091

 D5FFFF

 007678

 F4FFFF

 005D5F

 004447

 002D31

 00141C

 000000

■ 57E3E3

■ 57E3E3

■ 40E3E3

■ 6EE3E3

■ 2AE3E3

■ 84E3E3

■ 13E3E3

■ 9BE3E3

■ 00E3E3

■ B2E3E3

■ C9E3E3

■ DFE3E3

■ F6E3E3

■ FFE3E3

Harmonies

Analogous

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



7EE2BD



57E3E3



55E0FF

Triad

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



57E3E3



EDBFFF



F6C789

Complementary

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



57E3E3



E35757

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.



FFBB9C



57E3E3



FFB5E1

Square

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



57E3E3



BDCCFF



FFB4BC



D3D389

Rectangle

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



57E3E3



72DBFF



FFB4BC



FFC38D

Sweetspot

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



57E3E3



CFFFFFF



57E357



628080



000000



808080

Same Dimension

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



57E3E3



42FFFF



579DE3



677373



00B3B3



003333

Inverse Universe

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



E357E3



FF42FF



E39D57



736773



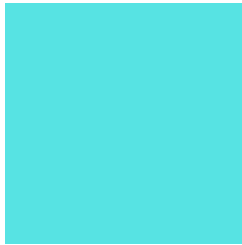
B300B3



330033

Previews

White Background



This preview shows how the Hex color 57E3E3 looks on a white background.

Color Contrast Check

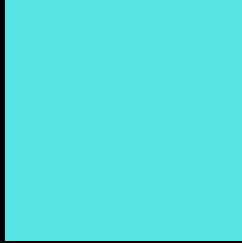
Large Text (above 18pt) WCAG AA × Fail

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 57E3E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

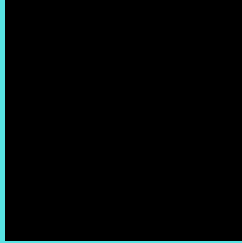
Any Text WCAG AA ✓ Pass

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 57E3E3 Background



This preview shows how black text looks on a background with the Hex color 57E3E3.

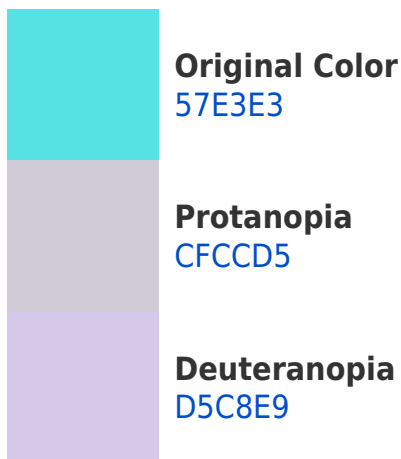


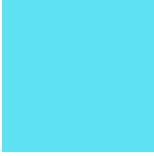
This preview shows how white text looks on a background with the Hex color 57E3E3.

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
5EE1F3

Trichromacy



Original Color
57E3E3



Protanomaly
A3D4DA



Deuteranomaly
A7D2E7

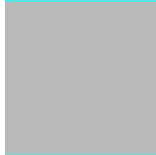


Tritanomaly
5BE2ED

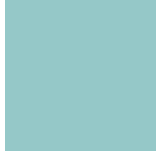
Monochromacy



Original Color
57E3E3



Achromatopsia
B9B9B9



Achromatomaly
95C8C8

CSS Examples

Text

The CSS property to change the color of the text to Hex 57E3E3 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 #57E3E3 looks like.

```
.text, #text, p{  
    color:#57E3E3  
}
```

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 #57E3E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57E3E3
}
```

Border

The CSS property to change the border of an element to Hex 57E3E3 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
#57E3E3 }
```

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

```
.border{ border-color:#57E3E3 }
```

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

Here you see how a box with a 4 pixel #57E3E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57E3E3; -webkit-box-shadow:4px 4px  
4px 4px #57E3E3; box-shadow:4px 4px 4px  
4px #57E3E3 }
```

Background

The CSS property to change the background color of an element to Hex 57E3E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57E3E3 }
```

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

```
.background{ background-color:#57E3E3 }
```

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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