

# Converting Colors

Hex(57E2E2)

Have a look what the booklet for  
Hex(57E2E2) contains.

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**Color**

**Hex(57E2E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57E2E2
RGB	87, 226, 226
RGB Percent	34%, 89%, 89%
CMY	0.6588, 0.1137, 0.1137
CMYK	0.62, 0.00, 0.00, 0.11
HSL	180°, 71%, 61%
HSV	180°, 62%, 89%
XYZ	44.8543, 61.9099, 81.5372
YIQ	184.4390, -82.8440, -29.4680

# Conversions

## Conversions Part 2

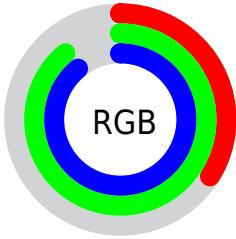
Format	Color
<b>RYB</b>	87, 157, 226
Decimal	5759714
CIELab	82.87, -36.87, -11.16
CIELCh	83, 38.520, 196.844
Yxy	61.9099, 0.2382, 0.3288
Android (android.graphics.Color)	4283949794 (0xFF57E2E2)
YUV	184.4390, 20.4896, -85.4540
Hunter-Lab	78.6829, -35.9385, -6.3629

# Details

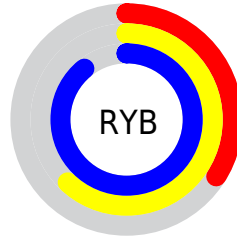
The Hex color **57E2E2** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E25757**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **97FFFF**, and **00AAAB** is the 20% darker color. If you saturate the color by 10%, you get **40E2E2**, and if you desaturate by 10%, it is **6EE2E2**.

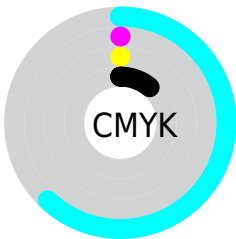
# Distribution



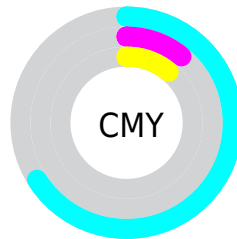
- Red (34%)
- Green (89%)
- Blue (89%)



- 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 57E2E2 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 57E2E2 by changing the saturation by 10% instead.



■ 57E2E2

■ 57E2E2

FFFFFF

■ 30C6C6

■ 97FFFF

■ 00AAAB

■ B6FFFF

■ 008F90

■ D4FFFF

■ 007577

■ F3FFFF

■ 005C5E

■ 004346

■ 002D30

■ 00131C

■ 000000

 57E2E2

 57E2E2

 40E2E2

 6EE2E2

 2AE2E2

 84E2E2

 13E2E2

 9BE2E2

 00E2E2

 B1E2E2

 C8E2E2

 DFE2E2

 F5E2E2

 FFE2E2

# Harmonies

## Analogous

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



7EE1BD



57E2E2



55DFFF

# Triad

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



57E2E2



ECBEFF



F5C788

# Complementary

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



57E2E2



E25757

# 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.



FFBB9B



57E2E2



FFB5E0

# Square

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



57E2E2



BCCBFF



FFB3BB



D2D388

# Rectangle

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



57E2E2



72DAFF



FFB3BB



FFC28D



# Sweetspot

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



57E2E2



D1FFFF



57E257



638080



000000



808080



# Same Dimension

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



57E2E2



42FFFF



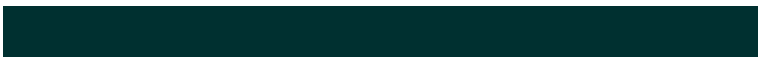
579DE2



657070



00B0B0



003030



# Inverse Universe

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



E257E2



FF42FF



E29D57



706570



B000B0

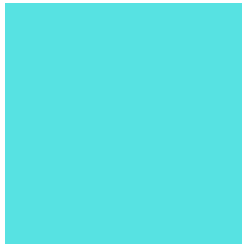


300030



# Previews

## White Background



This preview shows how the Hex color 57E2E2 looks on a white background.

## Color Contrast Check

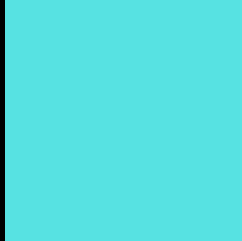
Large Text (above 18pt) WCAG AA × Fail

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 57E2E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

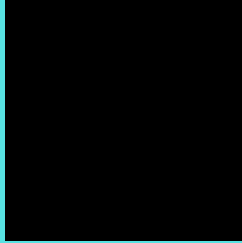
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 57E2E2 Background



This preview shows how black text looks on a background with the Hex color 57E2E2.

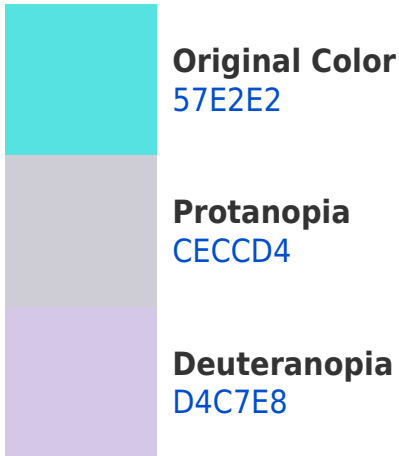


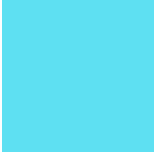
This preview shows how white text looks on a background with the Hex color 57E2E2.

# 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**  
5EE0F2

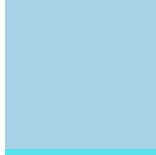
# Trichromacy



**Original Color**  
57E2E2



**Protanomaly**  
A3D4D9



**Deuteranomaly**  
A7D1E6

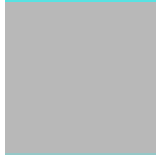


**Tritanomaly**  
5BE1EC

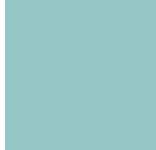
# Monochromacy



**Original Color**  
57E2E2



**Achromatopsia**  
B8B8B8



**Achromatomaly**  
95C7C7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57E2E2 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 #57E2E2 looks like.

```
.text, #text, p{  
    color:#57E2E2  
}
```

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 #57E2E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57E2E2
}
```

## Border

The CSS property to change the border of an element to Hex 57E2E2 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
#57E2E2 }
```

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

```
.border{ border-color:#57E2E2 }
```

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

Here you see how a box with a 4 pixel #57E2E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57E2E2; -webkit-box-shadow:4px 4px  
4px 4px #57E2E2; box-shadow:4px 4px 4px  
4px #57E2E2 }
```

# Background

The CSS property to change the background color of an element to Hex 57E2E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57E2E2 }
```

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

```
.background{ background-color:#57E2E2 }
```

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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