

# Converting Colors

Hex(58E1CF)

Have a look what the booklet for  
Hex(58E1CF) contains.

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# Color

Hex(58E1CF)

# Conversions

## Conversions Part 1

Format	Color
Hex	58E1CF
RGB	88, 225, 207
RGB Percent	35%, 88%, 81%
CMY	0.6549, 0.1176, 0.1882
CMYK	0.61, 0.00, 0.08, 0.12
HSL	172°, 70%, 61%
HSV	172°, 61%, 88%
XYZ	42.2122, 60.4301, 68.4709
YIQ	181.9850, -75.8740, -34.6420

# Conversions

## Conversions Part 2

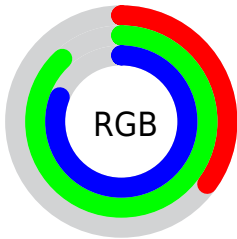
Format	Color
R <sub>YB</sub>	88, 161, 225
Decimal	5824975
CIE Lab	82.07, -41.24, -2.26
CIE LCh	82, 41.305, 183.135
Yxy	60.4301, 0.2467, 0.3532
Android (android.graphics.Color)	4284015055 (0xFF58E1CF)
YUV	181.9850, 12.3324, -82.4248
Hunter-Lab	77.7368, -39.1114, 2.1929

# Details

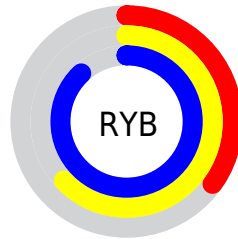
The Hex color **58E1CF** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E1586A**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **97FFFF**, and **00A999** is the 20% darker color. If you saturate the color by 10%, you get **42E1CC**, and if you desaturate by 10%, it is **6EE1D2**.

# Distribution



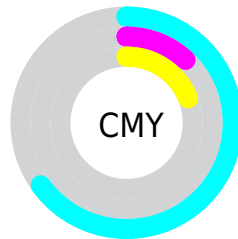
- Red (35%)
- Green (88%)
- Blue (81%)



- Red (35%)
- Yellow (63%)
- Blue (88%)



- Cyan (61%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)



- Cyan (65%)
- Magenta (12%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58E1CF 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 58E1CF by changing the saturation by 10% instead.



 58E1CF

 58E1CF

FFFFFF

 33C5B4

 97FFFF

 00A999

 B5FFFF

 008E7F

 D3FFFF

 007466

 F2FFFF

 005A4E

 004237

 002C22

 000E0C

 000000

■ 58E1CF

■ 58E1CF

■ 42E1CC

■ 6EE1D2

■ 2BE1C9

■ 85E1D5

■ 15E1C6

■ 9BE1D8

■ 00E1C3

■ B2E1DB

■ C9E1DE

■ DFE1E1

■ F6E1E4

■ FFE1E7

■ FFE1EA

# Harmonies

## Analogous

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



8ADEA8



58E1CF



34E0F5

# Triad

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



58E1CF



D6C1FF



FFBE88

# Complementary

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



58E1CF



E1586A

# 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.



FFB2A4



58E1CF



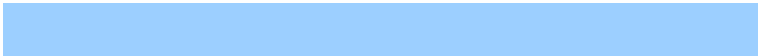
FFB4F0

# Square

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



58E1CF



9CCFFF



FFAEC9



E2CB7E

# Rectangle

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



58E1CF



47DCFF



FFAEC9



FFB990

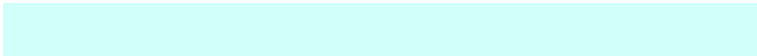


# Sweetspot

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



58E1CF



D1FFF9



6AE158



63807C



000000



808080



# Same Dimension

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



58E1CF



45FFE7



58AFE1



65706F



00B099



00302A



# Inverse Universe

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



E1586A



FF455D



E18A58



706566



B00017

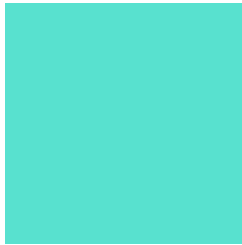


300006



# Previews

## White Background



This preview shows how the Hex color 58E1CF looks on a white background.

## Color Contrast Check

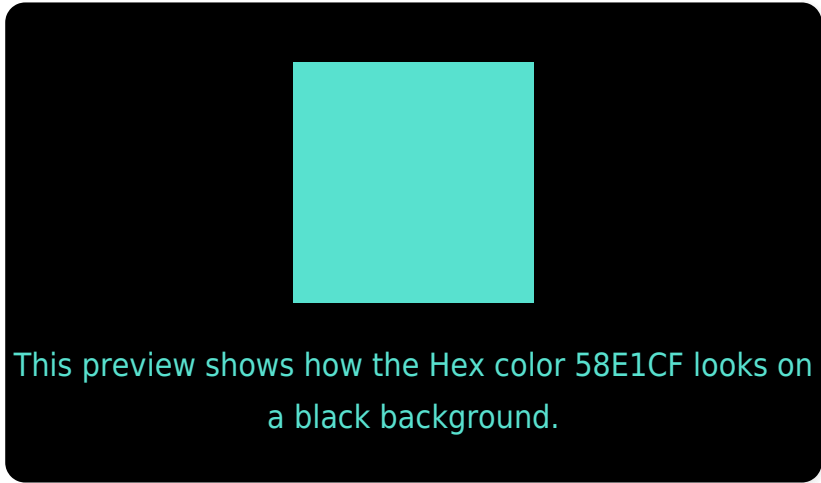
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

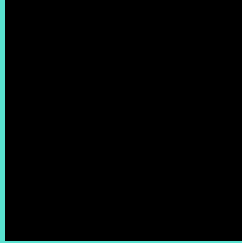
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

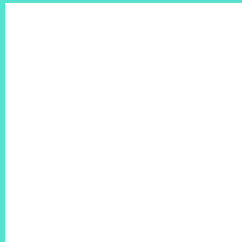
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 58E1CF Background



This preview shows how black text looks on a background with the Hex color 58E1CF.

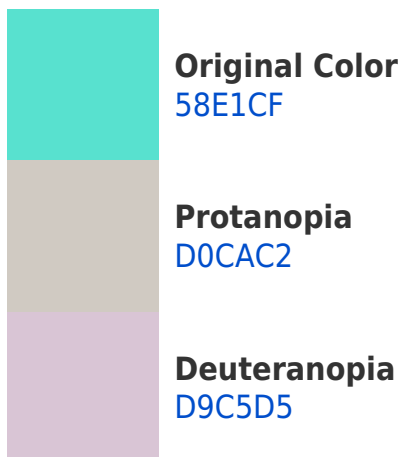


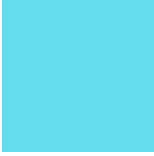
This preview shows how white text looks on a background with the Hex color 58E1CF.

# 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



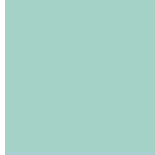


**Tritanopia**  
65DCEE

# Trichromacy



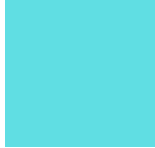
**Original Color**  
58E1CF



**Protanomaly**  
A4D2C7



**Deuteranomaly**  
AACFD3

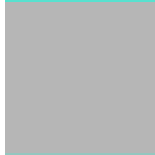


**Tritanomaly**  
60DEE3

# Monochromacy



**Original Color**  
58E1CF



**Achromatopsia**  
B6B6B6



**Achromatomaly**  
94C6BF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58E1CF 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 #58E1CF looks like.

```
.text, #text, p{  
    color:#58E1CF  
}
```

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 #58E1CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58E1CF
}
```

## Border

The CSS property to change the border of an element to Hex 58E1CF 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
#58E1CF }
```

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

```
.border{ border-color:#58E1CF }
```

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

Here you see how a box with a 4 pixel #58E1CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58E1CF; -webkit-box-shadow:4px 4px  
4px 4px #58E1CF; box-shadow:4px 4px 4px  
4px #58E1CF }
```

# Background

The CSS property to change the background color of an element to Hex 58E1CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58E1CF }
```

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

```
.background{ background-color:#58E1CF }
```

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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