

# Converting Colors

Hex(55E3CF)

Have a look what the booklet for  
Hex(55E3CF) contains.

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# Color

Hex(55E3CF)

# Conversions

## Conversions Part 1

Format	Color
Hex	55E3CF
RGB	85, 227, 207
RGB Percent	33%, 89%, 81%
CMY	0.6667, 0.1098, 0.1882
CMYK	0.63, 0.00, 0.09, 0.11
HSL	172°, 72%, 61%
HSV	172°, 63%, 89%
XYZ	42.4779, 61.3745, 68.6391
YIQ	182.2620, -78.2120, -36.3240

# Conversions

## Conversions Part 2

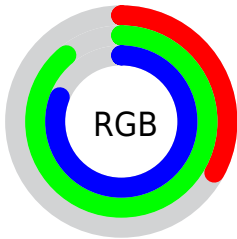
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 161, 227
Decimal	5628879
CIELab	82.58, -42.64, -1.52
CIELCh	83, 42.662, 182.046
Yxy	61.3745, 0.2463, 0.3558
Android (android.graphics.Color)	4283818959 (0xFF55E3CF)
YUV	182.2620, 12.1958, -85.2988
Hunter-Lab	78.3419, -40.3134, 2.8924

# Details

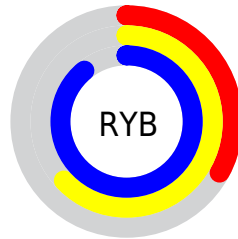
The Hex color **55E3CF** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E35569**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **95FFFF**, and **00AB99** is the 20% darker color. If you saturate the color by 10%, you get **3EE3CC**, and if you desaturate by 10%, it is **6CE3D2**.

# Distribution



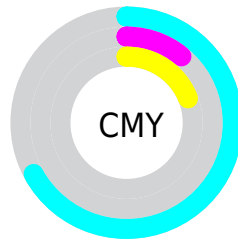
- Red (33%)
- Green (89%)
- Blue (81%)



- Red (33%)
- Yellow (63%)
- Blue (89%)



- Cyan (63%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)



- Cyan (67%)
- Magenta (11%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55E3CF 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 55E3CF by changing the saturation by 10% instead.



 55E3CF

 55E3CF


FFFFFF

 2FC7B4

 95FFFF

 00AB99

 B3FFFF

 00907F

 D1FFFF

 007666

 F0FFFF

 005C4E

 004337

 002D22

 00110C

 000000

 55E3CF

 55E3CF

 3EE3CC

 6CE3D2

 28E3C9

 82E3D5

 11E3C5

 99E3D9

 00E3C3

 B0E3DC

 C6E3DF

 DDE3E2

 F4E3E5

 FFE3E9

 FFE3EC

# Harmonies

## Analogous

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



8BE0A7



55E3CF



26E2F7

# Triad

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



55E3CF



D6C2FF



FFBE88

# Complementary

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



55E3CF



E35569

# 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.



FFB2A5



55E3CF



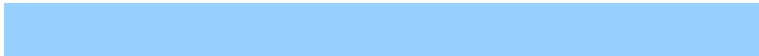
FFB5F4

# Square

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



55E3CF



98D1FF



FFAECC



E5CC7D

# Rectangle

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



55E3CF



3CDEFF



FFAECC



FFBA90

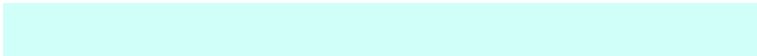


# Sweetspot

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



55E3CF



CFFFF8



6AE355



62807B



000000



808080



# Same Dimension

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



55E3CF



40FFE4



55B1E3



677371



00B399



00332C



# Inverse Universe

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



E35569



FF405B



E38755



736769



B30019

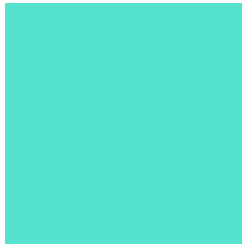


330007



# Previews

## White Background



This preview shows how the Hex color 55E3CF looks on a white background.

## Color Contrast Check

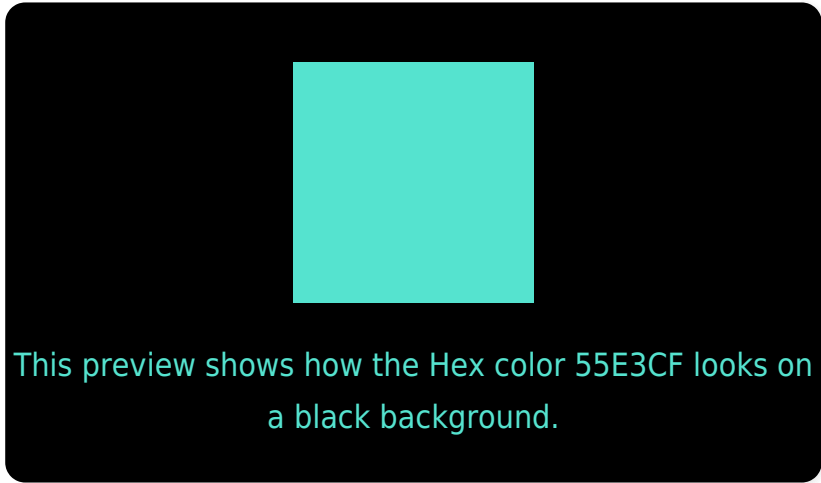
Large Text (above 18pt) WCAG AA × Fail

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

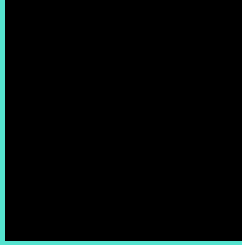
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

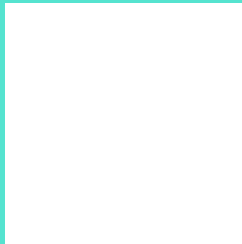
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 55E3CF Background



This preview shows how black text looks on a background with the Hex color 55E3CF.

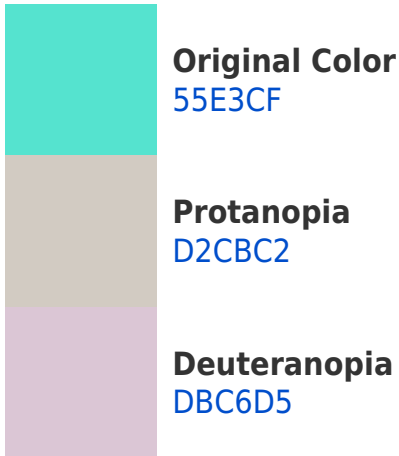


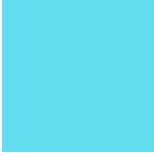
This preview shows how white text looks on a background with the Hex color 55E3CF.

# 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



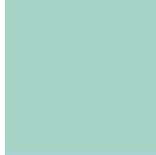


**Tritanopia**  
63DEF0

# Trichromacy



**Original Color**  
55E3CF



**Protanomaly**  
A5D4C7



**Deuteranomaly**  
AAD1D3

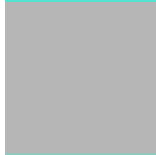


**Tritanomaly**  
5EE0E4

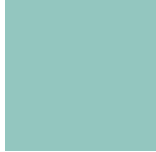
# Monochromacy



**Original Color**  
55E3CF



**Achromatopsia**  
B6B6B6



**Achromatomaly**  
93C6BF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55E3CF 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 #55E3CF looks like.

```
.text, #text, p{  
    color:#55E3CF  
}
```

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 #55E3CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55E3CF
}
```

## Border

The CSS property to change the border of an element to Hex 55E3CF 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
#55E3CF }
```

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

```
.border{ border-color:#55E3CF }
```

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

Here you see how a box with a 4 pixel #55E3CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55E3CF; -webkit-box-shadow:4px 4px  
4px 4px #55E3CF; box-shadow:4px 4px 4px  
4px #55E3CF }
```

# Background

The CSS property to change the background color of an element to Hex 55E3CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55E3CF }
```

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

```
.background{ background-color:#55E3CF }
```

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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