

# Converting Colors

Hex(55E7EC)

Have a look what the booklet for  
Hex(55E7EC) contains.

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**Color**

**Hex(55E7EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55E7EC
RGB	85, 231, 236
RGB Percent	33%, 91%, 93%
CMY	0.6667, 0.0941, 0.0745
CMYK	0.64, 0.02, 0.00, 0.07
HSL	182°, 80%, 63%
HSV	182°, 64%, 93%
XYZ	47.4625, 65.1393, 89.4285
YIQ	187.9160, -88.6210, -29.3970

# Conversions

## Conversions Part 2

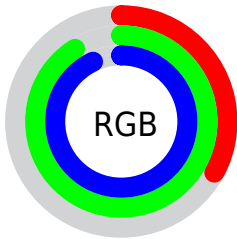
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 159, 236
Decimal	5629932
CIELab	84.56, -36.75, -13.93
CIELCh	85, 39.299, 200.757
Yxy	65.1393, 0.2349, 0.3224
Android (android.graphics.Color)	4283820012 (0xFF55E7EC)
YUV	187.9160, 23.7054, -90.2573
Hunter-Lab	80.7089, -36.2699, -9.1993

# Details

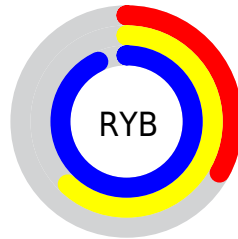
The Hex color **55E7EC** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **EC5A55**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **97FFFF**, and **00AFB4** is the 20% darker color. If you saturate the color by 10%, you get **3DE6EC**, and if you desaturate by 10%, it is **6DE8EC**.

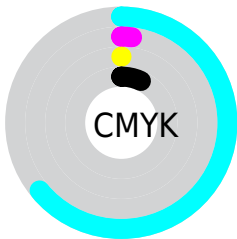
# Distribution



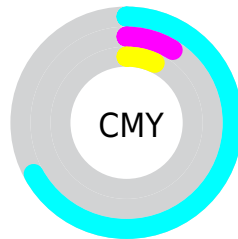
- Red (33%)
- Green (91%)
- Blue (93%)



- Red (33%)
- Yellow (62%)
- Blue (93%)



- Cyan (64%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (67%)
- Magenta (9%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55E7EC 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 55E7EC by changing the saturation by 10% instead.



 55E7EC

 55E7EC


FFFFFF

 2BCBD0

 97FFFF

 00AFB4

 B6FFFF

 009499

 D5FFFF

 007A80

 F4FFFF

 006067

 00484F

 003038

 001A22

 00000B

■ 55E7EC

■ 55E7EC

■ 3DE6EC

■ 6DE8EC

■ 26E5EC

■ 84E9EC

■ 0EE5EC

■ 9CE9EC

■ 00E4EC

■ B3EAEC

■ CBEBEC

■ E3ECEC

■ FAECEC

■ FFEDEC

■ FFEEEC

# Harmonies

## Analogous

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



7BE7C6



55E7EC



5BE3FF

# Triad

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



55E7EC



F7C1FF



F7CD8A

# Complementary

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



55E7EC



EC5A55

# 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.



FFC09B



55E7EC



FFB8E0

# Square

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



55E7EC



C8CEFF



FFB8BB



D2D98D

# Rectangle

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



55E7EC



7BDEFF



FFB8BB



FFC98E



# Sweetspot

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



55E7EC



CFFDFF



55EC58



627F80



000000



808080



# Same Dimension

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



55E7EC



3BF8FF



559EEC



6A7575



00AFB5



003436



# Inverse Universe

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



EC55E7



FF3BF8



ECA355



756A75



B500AF

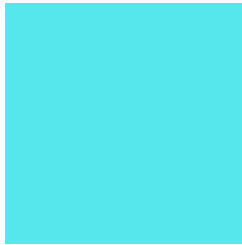


360034



# Previews

## White Background



This preview shows how the Hex color 55E7EC looks on a white background.

## Color Contrast Check

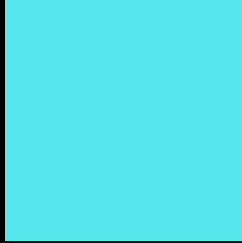
Large Text (above 18pt) WCAG AA × Fail

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 55E7EC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

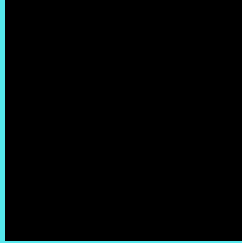
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 55E7EC Background



This preview shows how black text looks on a background with the Hex color 55E7EC.

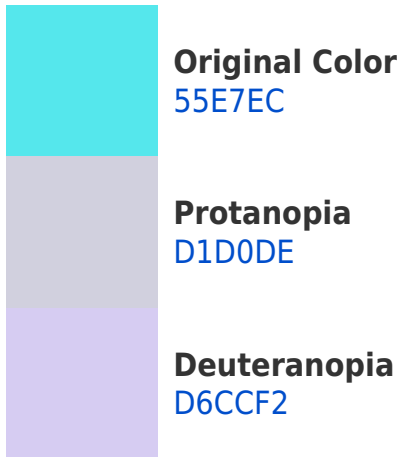


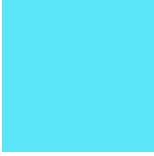
This preview shows how white text looks on a background with the Hex color 55E7EC.

# 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](#).

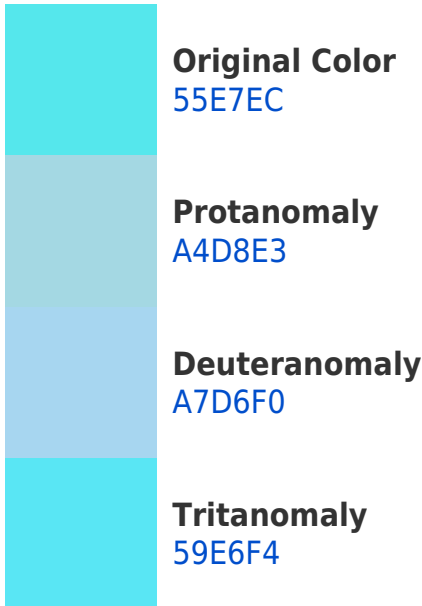
## Dichromacy



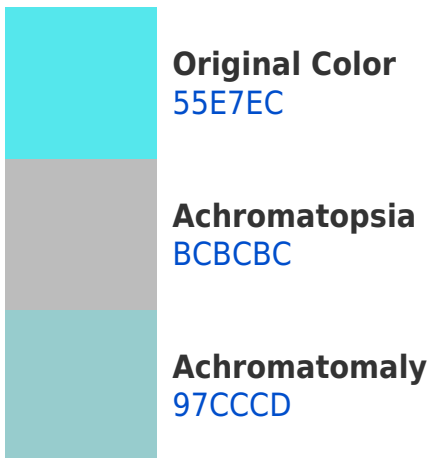


**Tritanopia**  
5BE5F8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55E7EC 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 #55E7EC looks like.

```
.text, #text, p{  
    color:#55E7EC  
}
```

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 #55E7EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55E7EC  
}
```

## Border

The CSS property to change the border of an element to Hex 55E7EC 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  
#55E7EC }
```

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

```
.border{ border-color:#55E7EC }
```

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

Here you see how a box with a 4 pixel #55E7EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55E7EC; -webkit-box-shadow:4px 4px  
4px 4px #55E7EC; box-shadow:4px 4px 4px  
4px #55E7EC }
```

# Background

The CSS property to change the background color of an element to Hex 55E7EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55E7EC }
```

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

```
.background{ background-color:#55E7EC }
```

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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