

# Converting Colors

Hex(55EAC7)

Have a look what the booklet for  
Hex(55EAC7) contains.

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# Color

Hex(55EAC7)

# Conversions

## Conversions Part 1

Format	Color
Hex	55EAC7
RGB	85, 234, 199
RGB Percent	33%, 92%, 78%
CMY	0.6667, 0.0824, 0.2196
CMYK	0.64, 0.00, 0.15, 0.08
HSL	166°, 78%, 63%
HSV	166°, 64%, 92%
XYZ	43.4779, 64.9005, 64.2683
YIQ	185.4590, -77.5690, -42.4730

# Conversions

## Conversions Part 2

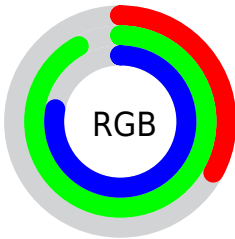
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	85, 169, 234
Decimal	5630663
CIE Lab	84.43, -47.64, 5.39
CIE LCh	84, 47.949, 173.544
Yxy	64.9005, 0.2518, 0.3759
Android (android.graphics.Color)	4283820743 (0xFF55EAC7)
YUV	185.4590, 6.6757, -88.1025
Hunter-Lab	80.5608, -44.6466, 9.0933

# Details

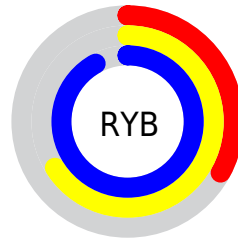
The Hex color **55EAC7** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **EA5578**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **95FFFF**, and **00B191** is the 20% darker color. If you saturate the color by 10%, you get **3EEAC2**, and if you desaturate by 10%, it is **6CEACC**.

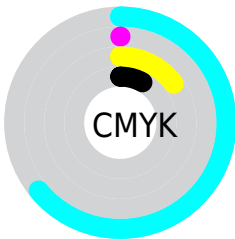
# Distribution



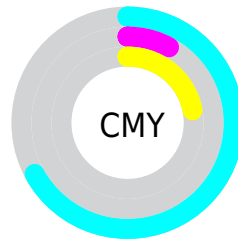
- Red (33%)
- Green (92%)
- Blue (78%)



- Red (33%)
- Yellow (66%)
- Blue (92%)



- Cyan (64%)
- Magenta (0%)
- Yellow (15%)
- Black (8%)



- Cyan (67%)
- Magenta (8%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55EAC7 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 55EAC7 by changing the saturation by 10% instead.



 55EAC7

FFFFFF

 95FFFF

 B4FFFF

 D2FFFF

 F1FFFF

 55EAC7

 2ECDAC

 00B191

 009678

 007B5F

 006247

 004931

 00311C

 001802

 000000

 55EAC7

 55EAC7

 3EEAC2

 6CEACC

 26EABC

 84EAD2

 0FEAB7

 9BEAD7

 00EAB3

 B3EADD

 CAEAE2

 E1EAE8

 F9EAED

 FFEAF3

 FFEAF8

# Harmonies

## Analogous

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



97E59B



55EAC7



00EAF5

# Triad

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



55EAC7



C9CBFF



FFBD8B

# Complementary

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



55EAC7



EA5578

# 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.



FFB1B1



55EAC7



FFBAFF

# Square

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



55EAC7



7BDAFF



FFB0DE



F8CD78

# Rectangle

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



55EAC7



00E7FF



FFB0DE



FFB896

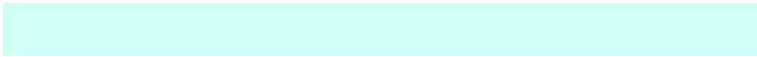


# Sweetspot

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



55EAC7



CFFFF4



7AEA55



628079



000000



808080



# Same Dimension

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



55EAC7



3DFFD1



55C5EA



6A7573



00B58B



003629



# Inverse Universe

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



EA5578



FF3D6B



EA7A55



756A6C



B5002B

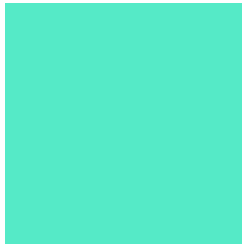


36000D



# Previews

## White Background



This preview shows how the Hex color 55EAC7 looks on a white background.

## Color Contrast Check

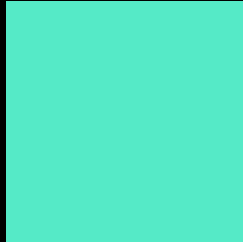
Large Text (above 18pt) WCAG AA × Fail

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 55EAC7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

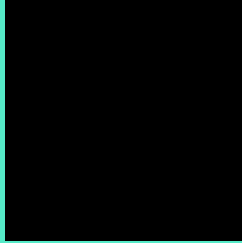
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 55EAC7 Background



This preview shows how black text looks on a background with the Hex color 55EAC7.

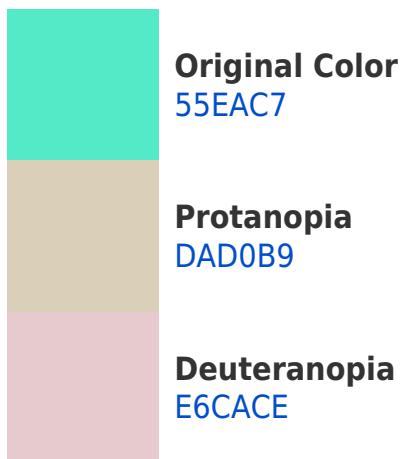


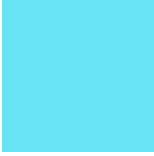
This preview shows how white text looks on a background with the Hex color 55EAC7.

# 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**  
68E3F6

# Trichromacy



**Original Color**  
55EAC7



**Protanomaly**  
AAD9BE



**Deuteranomaly**  
B1D6CB

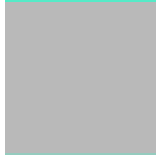


**Tritanomaly**  
61E6E5

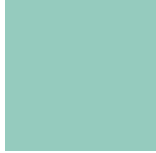
# Monochromacy



**Original Color**  
55EAC7



**Achromatopsia**  
B9B9B9



**Achromatomaly**  
95CBBE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55EAC7 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 #55EAC7 looks like.

```
.text, #text, p{  
    color:#55EAC7  
}
```

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 #55EAC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55EAC7
}
```

## Border

The CSS property to change the border of an element to Hex 55EAC7 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
#55EAC7 }
```

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

```
.border{ border-color:#55EAC7 }
```

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

Here you see how a box with a 4 pixel #55EAC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55EAC7; -webkit-box-shadow:4px 4px  
4px 4px #55EAC7; box-shadow:4px 4px 4px  
4px #55EAC7 }
```

# Background

The CSS property to change the background color of an element to Hex 55EAC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55EAC7 }
```

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

```
.background{ background-color:#55EAC7 }
```

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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