

# Converting Colors

Hex(55C9E7)

Have a look what the booklet for  
Hex(55C9E7) contains.

<b>Hex(55C9E7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(55C9E7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55C9E7
RGB	85, 201, 231
RGB Percent	33%, 79%, 91%
CMY	0.6667, 0.2118, 0.0941
CMYK	0.63, 0.13, 0.00, 0.09
HSL	192°, 75%, 62%
HSV	192°, 63%, 91%
XYZ	39.0568, 49.4741, 83.0923
YIQ	169.7360, -78.7660, -15.2620

# Conversions

## Conversions Part 2

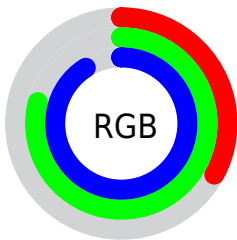
Format	Color
R <sub>Y</sub> B	85, 150, 231
Decimal	5622247
CIE Lab	75.75, -23.73, -24.58
CIE LCh	76, 34.168, 226.016
Yxy	49.4741, 0.2276, 0.2883
Android (android.graphics.Color)	4283812327 (0xFF55C9E7)
YUV	169.7360, 30.2032, -74.3135
Hunter-Lab	70.3378, -23.9748, -20.8046

# Details

The Hex color **55C9E7** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **E77355**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **94FFFF**, and **0093AF** is the 20% darker color. If you saturate the color by 10%, you get **3EC4E7**, and if you desaturate by 10%, it is **6CCEE7**.

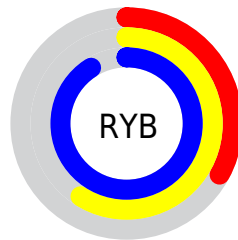
# Distribution



Red (33%)

Green (79%)

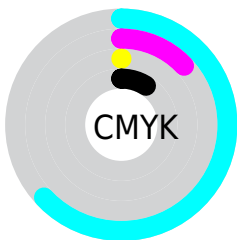
Blue (91%)



Red (33%)

Yellow (59%)

Blue (91%)

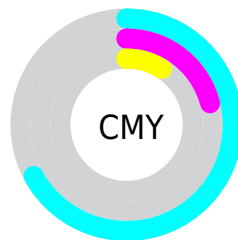


Cyan (63%)

Magenta (13%)

Yellow (0%)

Black (9%)



Cyan (67%)

Magenta (21%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55C9E7 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 55C9E7 by changing the saturation by 10% instead.



 55C9E7

 55C9E7

FFFFFF

 2FAECB

 94FFFF

 0093AF

 B2FFFF

 007995

 D1FFFF

 00607B

 EFFFFFF

 004862

 00314A

 001E33

 00021E

 000000

■ 55C9E7

■ 55C9E7

■ 3EC4E7

■ 6CCEE7

■ 27C0E7

■ 83D2E7

■ 10BBE7

■ 9AD7E7

■ 00B8E7

■ B1DCE7

■ C9E1E7

■ E0E5E7

■ F7EAE7

■ FFEFE7

■ FFF4E7

# Harmonies

## Analogous

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



57CCCB



55C9E7



7AC2F7

# Triad

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



55C9E7



EFA5CB



BFBE7D

# Complementary

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



55C9E7



E77355

# 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.



DEB47E



55C9E7



FAA3AB

# Square

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



55C9E7



D4ADE7



F3A98F



9CC68E

# Rectangle

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



55C9E7



9ABCF9



F3A98F



CABB7C

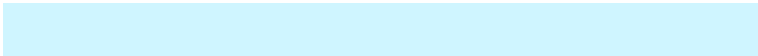


# Sweetspot

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



55C9E7



CFF5FF



55E772



627980



000000



808080



# Same Dimension

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



55C9E7



3DD7FF



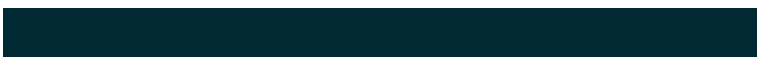
5581E7



677073



008EB3



002933



# Inverse Universe

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



E755C9



FF3DD7



E7BB55



736770



B3008E

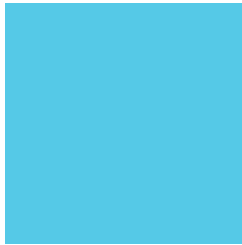


330029



# Previews

## White Background



This preview shows how the Hex color 55C9E7 looks on a white background.

## Color Contrast Check

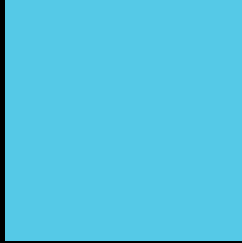
Large Text (above 18pt) WCAG AA × Fail

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 55C9E7 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 55C9E7 Background



This preview shows how black text looks on a background with the Hex color 55C9E7.

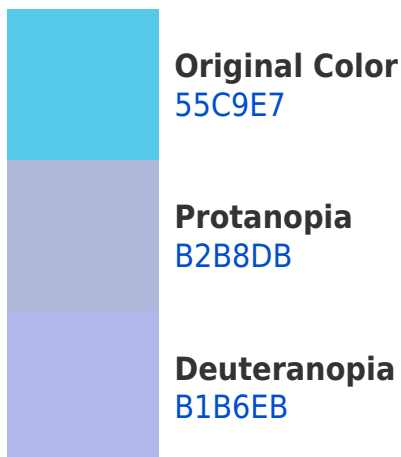


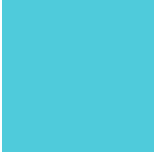
This preview shows how white text looks on a background with the Hex color 55C9E7.

# 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](#).

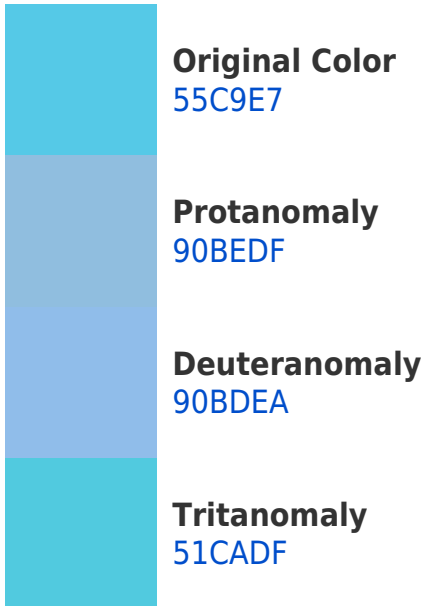
## Dichromacy



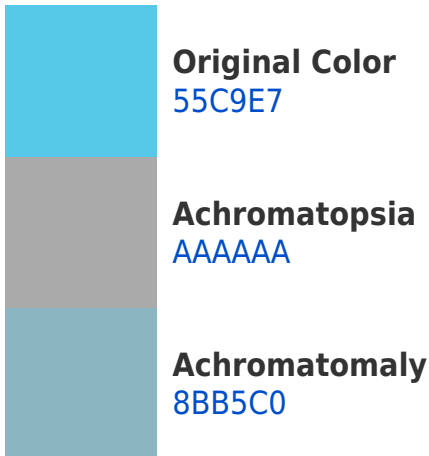


**Tritanopia**  
4FCBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55C9E7 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 #55C9E7 looks like.

```
.text, #text, p{  
    color:#55C9E7  
}
```

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 #55C9E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55C9E7  
}
```

## Border

The CSS property to change the border of an element to Hex 55C9E7 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  
#55C9E7 }
```

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

```
.border{ border-color:#55C9E7 }
```

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

Here you see how a box with a 4 pixel #55C9E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55C9E7; -webkit-box-shadow:4px 4px  
4px 4px #55C9E7; box-shadow:4px 4px 4px  
4px #55C9E7 }
```

# Background

The CSS property to change the background color of an element to Hex 55C9E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55C9E7 }
```

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

```
.background{ background-color:#55C9E7 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor