

Converting Colors

Hex(59C6EA)

Have a look what the booklet for
Hex(59C6EA) contains.

Hex(59C6EA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(59C6EA)

Conversions

Conversions Part 1

Format	Color
Hex	59C6EA
RGB	89, 198, 234
RGB Percent	35%, 78%, 92%
CMY	0.6510, 0.2235, 0.0824
CMYK	0.62, 0.15, 0.00, 0.08
HSL	195°, 78%, 63%
HSV	195°, 62%, 92%
XYZ	39.1652, 48.4525, 85.1300
YIQ	169.5130, -76.5200, -11.9120

Conversions

Conversions Part 2

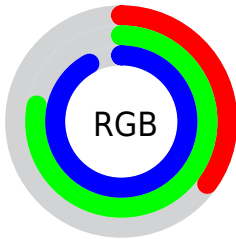
Format	Color
RYB	89, 151, 234
Decimal	5883626
CIELab	75.11, -20.64, -27.16
CIELCh	75, 34.118, 232.766
Yxy	48.4525, 0.2267, 0.2805
Android (android.graphics.Color)	4284073706 (0xFF59C6EA)
YUV	169.5130, 31.7921, -70.6099
Hunter-Lab	69.6078, -21.3799, -23.7858

Details

The Hex color **59C6EA** 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 **EA7D59**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **97FFFF**, and **0090B2** is the 20% darker color. If you saturate the color by 10%, you get **42C0EA**, and if you desaturate by 10%, it is **70CCEA**.

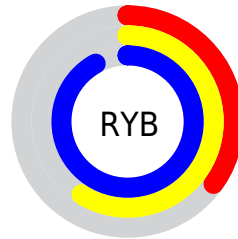
Distribution



Red (35%)

Green (78%)

Blue (92%)



Red (35%)

Yellow (59%)

Blue (92%)

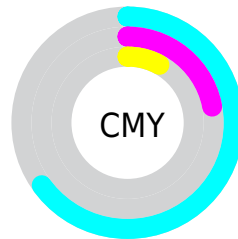


Cyan (62%)

Magenta (15%)

Yellow (0%)

Black (8%)



Cyan (65%)

Magenta (22%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59C6EA 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 59C6EA by changing the saturation by 10% instead.

 59C6EA

 59C6EA

FFFFFF

 35ABCE

 97FFFF

 0090B2

 B5FFFF

 007697

 D4FFFF

 005D7D

 F2FFFF

 004664

 002F4C

 001C35

 000220

 000004

■ 59C6EA

■ 59C6EA

■ 42C0EA

■ 70CCEA

■ 2ABAEA

■ 88D2EA

■ 13B5EA

■ 9FD7EA

■ 00B0EA

■ B7DDEA

■ CEE3EA

■ E5E9EA

■ FDEFEA

■ FFF4EA

■ FFFAEA

Harmonies

Analogous

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



51CAD0



59C6EA



83BEF7

Triad

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



59C6EA



F1A2C2



B6BE7E

Complementary

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



59C6EA



EA7D59

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.



D6B47B



59C6EA



F7A2A2

Square

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



59C6EA



DAA9DF



EDAA88



92C692

Rectangle

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



59C6EA



A3B7F6



EDAA88



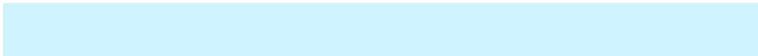
C1BB7B

Sweetspot

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



59C6EA



CFF3FF



59EA7B



627880



000000



808080

Same Dimension

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



59C6EA



42D0FF



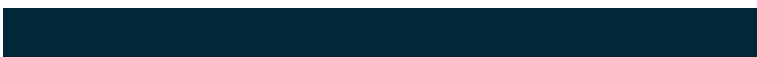
5980EA



6A7275



0088B5



002836

Inverse Universe

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



EA59C6



FF42D0



EAC359



756A72



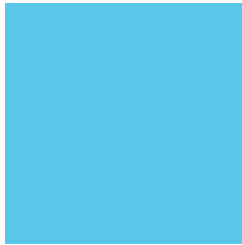
B50088



360028

Previews

White Background



This preview shows how the Hex color 59C6EA looks on a white background.

Color Contrast Check

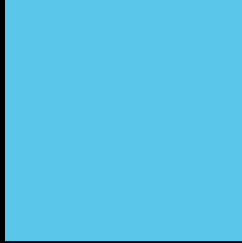
Large Text (above 18pt) WCAG AA × Fail

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 59C6EA 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 59C6EA Background



This preview shows how black text looks on a background with the Hex color 59C6EA.

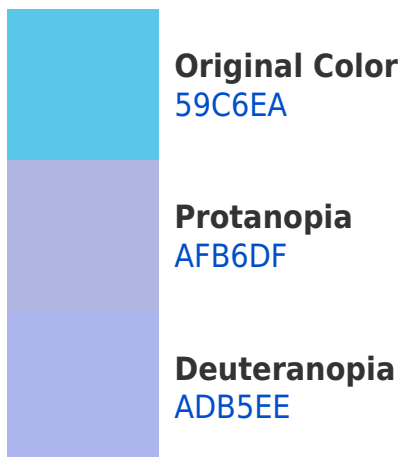


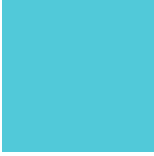
This preview shows how white text looks on a background with the Hex color 59C6EA.

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](#).

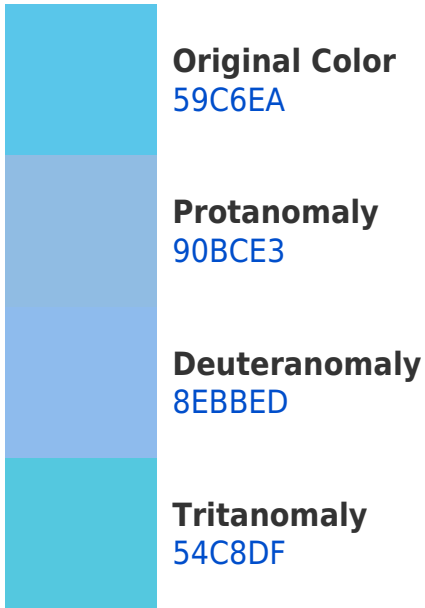
Dichromacy



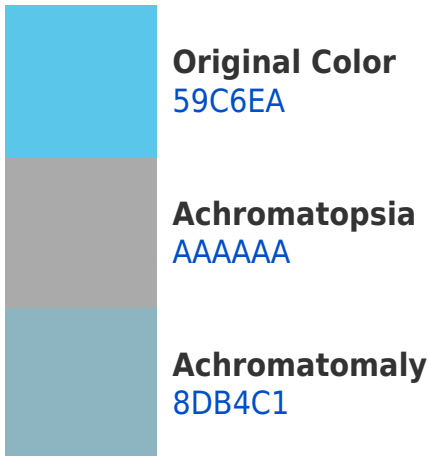


Tritanopia
51C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 59C6EA 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 #59C6EA looks like.

```
.text, #text, p{  
    color:#59C6EA  
}
```

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 #59C6EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59C6EA
}
```

Border

The CSS property to change the border of an element to Hex 59C6EA 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
#59C6EA }
```

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

```
.border{ border-color:#59C6EA }
```

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

Here you see how a box with a 4 pixel #59C6EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59C6EA; -webkit-box-shadow:4px 4px  
4px 4px #59C6EA; box-shadow:4px 4px 4px  
4px #59C6EA }
```

Background

The CSS property to change the background color of an element to Hex 59C6EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59C6EA }
```

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

```
.background{ background-color:#59C6EA }
```

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