

# Converting Colors

Hex(59E5C8)

Have a look what the booklet for  
Hex(59E5C8) contains.

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**Color**

**Hex(59E5C8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59E5C8
RGB	89, 229, 200
RGB Percent	35%, 90%, 78%
CMY	0.6510, 0.1020, 0.2157
CMYK	0.61, 0.00, 0.13, 0.10
HSL	168°, 73%, 62%
HSV	168°, 61%, 90%
XYZ	42.5645, 62.3326, 64.4316
YIQ	183.8340, -74.1310, -38.6990

# Conversions

## Conversions Part 2

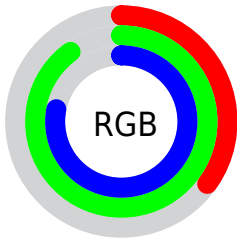
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 167, 229
Decimal	5891528
CIELab	83.09, -44.58, 2.93
CIELCh	83, 44.672, 176.233
Yxy	62.3326, 0.2514, 0.3681
Android (android.graphics.Color)	4284081608 (0xFF59E5C8)
YUV	183.8340, 7.9698, -83.1694
Hunter-Lab	78.9510, -41.9304, 6.8794

# Details

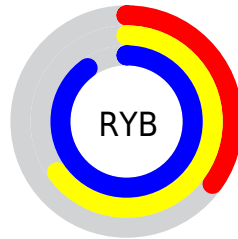
The Hex color **59E5C8** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **E55976**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **98FFFF**, and **00AD92** is the 20% darker color. If you saturate the color by 10%, you get **42E5C3**, and if you desaturate by 10%, it is **70E5CD**.

# Distribution



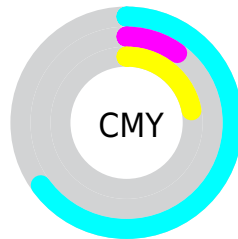
- Red (35%)
- Green (90%)
- Blue (78%)



- Red (35%)
- Yellow (65%)
- Blue (90%)



- Cyan (61%)
- Magenta (0%)
- Yellow (13%)
- Black (10%)



- Cyan (65%)
- Magenta (10%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59E5C8 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 59E5C8 by changing the saturation by 10% instead.



 59E5C8

 59E5C8


FFFFFF

 35C9AD

 98FFFF

 00AD92

 B6FFFF

 009278

 D4FFFF

 007760

 F3FFFF

 005E48

 004532

 002E1D

 001304

 000000

 59E5C8

 59E5C8

 42E5C3

 70E5CD

 2BE5BF

 87E5D1

 14E5BA

 9EE5D6

 00E5B6

 B5E5DB

 CCE5E0

 E2E5E4

 F9E5E9

 FFE5EE

 FFE5F3

# Harmonies

## Analogous

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



93E19F



59E5C8



02E5F3

# Triad

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



59E5C8



CCC6FF



FFBC8A

# Complementary

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



59E5C8



E55976

# 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.



FFB1AC



59E5C8



FFB7FE

# Square

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



59E5C8



87D5FF



FFAED6



EFCB7A

# Rectangle

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



59E5C8



12E2FF



FFAED6



FFB794

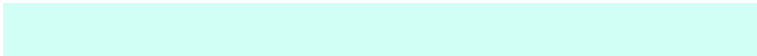


# Sweetspot

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



59E5C8



D1FFF5



77E559



63807A



000000



808080



# Same Dimension

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



59E5C8



45FFD8



59BDE5



677370



00B38E



003328



# Inverse Universe

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



E55976



FF456B



E58159



73676A



B30025

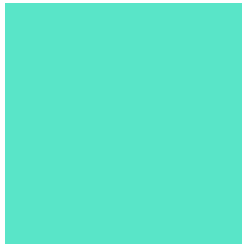


33000B



# Previews

## White Background



This preview shows how the Hex color 59E5C8 looks on a white background.

## Color Contrast Check

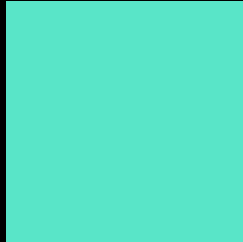
Large Text (above 18pt) WCAG AA × Fail

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 59E5C8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

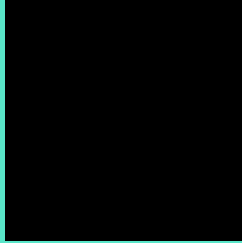
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

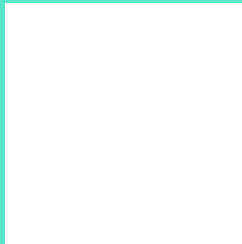
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 59E5C8 Background



This preview shows how black text looks on a background with the Hex color 59E5C8.

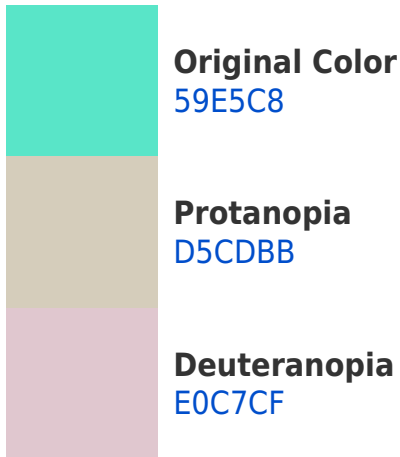


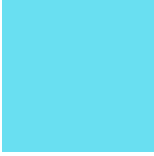
This preview shows how white text looks on a background with the Hex color 59E5C8.

# 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



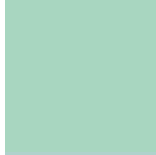


**Tritanopia**  
69DFF1

# Trichromacy



**Original Color**  
59E5C8



**Protanomaly**  
A8D6C0



**Deuteranomaly**  
AFD2CC



**Tritanomaly**  
63E1E2

# Monochromacy



**Original Color**  
59E5C8



**Achromatopsia**  
B8B8B8



**Achromatomaly**  
95C8BE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59E5C8 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 #59E5C8 looks like.

```
.text, #text, p{  
    color:#59E5C8  
}
```

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 #59E5C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59E5C8
}
```

## Border

The CSS property to change the border of an element to Hex 59E5C8 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
#59E5C8 }
```

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

```
.border{ border-color:#59E5C8 }
```

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

Here you see how a box with a 4 pixel #59E5C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59E5C8; -webkit-box-shadow:4px 4px  
4px 4px #59E5C8; box-shadow:4px 4px 4px  
4px #59E5C8 }
```

# Background

The CSS property to change the background color of an element to Hex 59E5C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59E5C8 }
```

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

```
.background{ background-color:#59E5C8 }
```

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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