

# Converting Colors

Hex(59E3C4)

Have a look what the booklet for  
Hex(59E3C4) contains.

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# Color

Hex(59E3C4)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 59E3C4                       |
| RGB         | 89, 227, 196                 |
| RGB Percent | 35%, 89%, 77%                |
| CMY         | 0.6510, 0.1098, 0.2314       |
| CMYK        | 0.61, 0.00, 0.14, 0.11       |
| HSL         | 167°, 71%, 62%               |
| HSV         | 167°, 61%, 89%               |
| XYZ         | 41.5527, 61.0475, 61.8178    |
| YIQ         | 182.2040, -72.2970, -38.8970 |

# Conversions

## Conversions Part 2

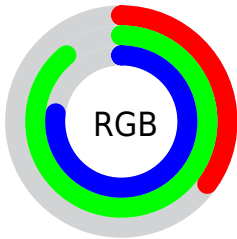
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">89, 167, 227</a>                                 |
| Decimal                             | <a href="#">5891012</a>                                      |
| CIELab                              | <a href="#">82.40, -44.68, 4.05</a>                          |
| CIELCh                              | <a href="#">82, 44.859, 174.814</a>                          |
| Yxy                                 | <a href="#">61.0475, 0.2527, 0.3713</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4284081092</a><br>( <a href="#">0xFF59E3C4</a> ) |
| YUV                                 | <a href="#">182.2040, 6.8014, -81.7399</a>                   |
| Hunter-Lab                          | <a href="#">78.1329, -41.8026, 7.7835</a>                    |

# Details

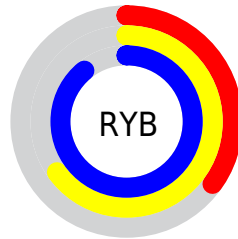
The Hex color **59E3C4** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **E35978**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **97FFFD**, and **00AB8E** is the 20% darker color. If you saturate the color by 10%, you get **42E3BF**, and if you desaturate by 10%, it is **70E3C9**.

# Distribution



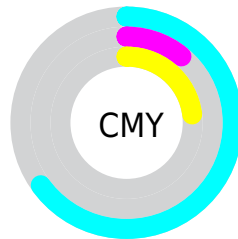
- Red (35%)
- Green (89%)
- Blue (77%)



- Red (35%)
- Yellow (65%)
- Blue (89%)



- Cyan (61%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)



- Cyan (65%)
- Magenta (11%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59E3C4 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 59E3C4 by changing the saturation by 10% instead.



 59E3C4

 59E3C4


FFFFFF

 35C7A9

 97FFFD

 00AB8E

 B5FFFF

 009075

 D4FFFF

 00755C

 F2FFFF

 005C45

 00432F

 002D1A

 001000

 000000

 59E3C4

 59E3C4

 42E3BF

 70E3C9

 2CE3BA

 86E3CE

 15E3B5

 9DE3D3

 00E3B0

 B4E3D8

 CBE3DD

 E1E3E3

 F8E3E8

 FFE3ED

 FFE3F2

# Harmonies

## Analogous

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



93DE9B



59E3C4



00E3EF

# Triad

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



59E3C4



C7C5FF



FFB98A

# Complementary

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



59E3C4



E35978

# 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.



FFAEAC



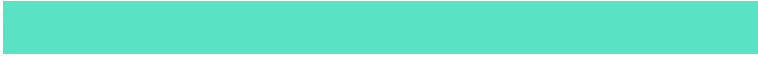
59E3C4



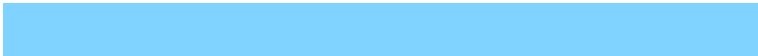
FBB6FE

# Square

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



59E3C4



81D3FF



FFADD6



EFC879

# Rectangle

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



59E3C4



00E0FF



FFADD6



FFB594

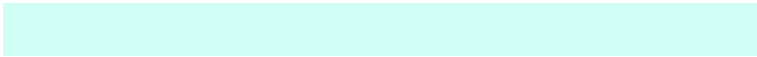


# Sweetspot

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



59E3C4



D1FFF5



79E359



638079



000000



808080



# Same Dimension

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



59E3C4



45FFD5



59BEE3



677370



00B38A



003328



# Inverse Universe

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



E35978



FF456F



E37E59



73676A



B30028

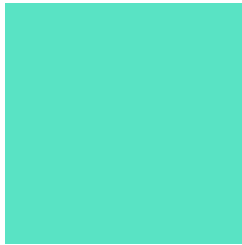


33000B



# Previews

## White Background



This preview shows how the Hex color 59E3C4 looks on a white background.

## Color Contrast Check

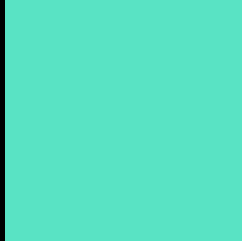
Large Text (above 18pt) WCAG AA × Fail

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 59E3C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

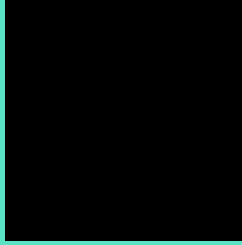
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

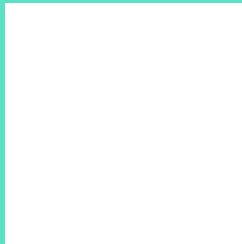
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 59E3C4 Background



This preview shows how black text looks on a background with the Hex color 59E3C4.

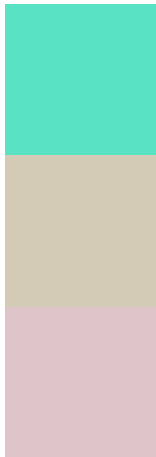


This preview shows how white text looks on a background with the Hex color 59E3C4.

# 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](#).

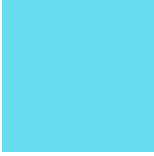
## Dichromacy



**Original Color**  
59E3C4

**Protanopia**  
D4CBB7

**Deuteranopia**  
DFC5CA



**Tritanopia**  
69DDEF

# Trichromacy



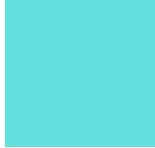
**Original Color**  
59E3C4



**Protanomaly**  
A7D4BC



**Deuteranomaly**  
AED0C8

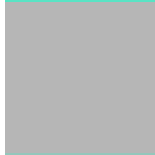


**Tritanomaly**  
63DFDF

# Monochromacy



**Original Color**  
59E3C4



**Achromatopsia**  
B6B6B6



**Achromatomaly**  
94C6BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59E3C4 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 #59E3C4 looks like.

```
.text, #text, p{  
    color:#59E3C4  
}
```

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 #59E3C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59E3C4
}
```

## Border

The CSS property to change the border of an element to Hex 59E3C4 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
#59E3C4 }
```

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

```
.border{ border-color:#59E3C4 }
```

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

Here you see how a box with a 4 pixel #59E3C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59E3C4; -webkit-box-shadow:4px 4px  
4px 4px #59E3C4; box-shadow:4px 4px 4px  
4px #59E3C4 }
```

# Background

The CSS property to change the background color of an element to Hex 59E3C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59E3C4 }
```

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

```
.background{ background-color:#59E3C4 }
```

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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