

Converting Colors

Hex(59BEC4)

Have a look what the booklet for
Hex(59BEC4) contains.

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Color

Hex(59BEC4)

Conversions

Conversions Part 1

Format	Color
Hex	59BEC4
RGB	89, 190, 196
RGB Percent	35%, 75%, 77%
CMY	0.6510, 0.2549, 0.2314
CMYK	0.55, 0.03, 0.00, 0.23
HSL	183°, 48%, 56%
HSV	183°, 55%, 77%
XYZ	32.4971, 42.9363, 58.7993
YIQ	160.4850, -62.1220, -19.5460

Conversions

Conversions Part 2

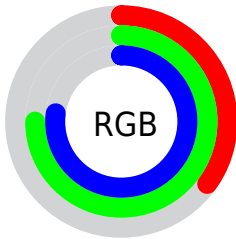
Format	Color
R _Y B	89, 141, 196
Decimal	5881540
CIE Lab	71.51, -27.58, -11.99
CIE LCh	72, 30.070, 203.489
Yxy	42.9363, 0.2421, 0.3199
Android (android.graphics.Color)	4284071620 (0xFF59BEC4)
YUV	160.4850, 17.5089, -62.6923
Hunter-Lab	65.5258, -26.1442, -7.3356

Details

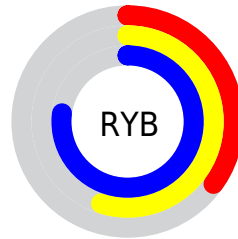
The Hex color **59BEC4** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **C45F59**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **94F7FD**, and **0C888E** is the 20% darker color. If you saturate the color by 10%, you get **45BDC4**, and if you desaturate by 10%, it is **6DBFC4**.

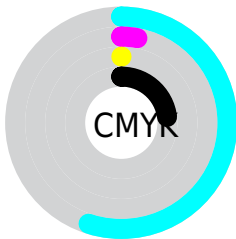
Distribution



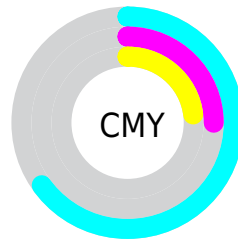
- Red (35%)
- Green (75%)
- Blue (77%)



- Red (35%)
- Yellow (55%)
- Blue (77%)



- Cyan (55%)
- Magenta (3%)
- Yellow (0%)
- Black (23%)



- Cyan (65%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59BEC4 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 59BEC4 by changing the saturation by 10% instead.

 59BEC4

 59BEC4

FFFFFF

 39A3A9

 94F7FD

 0C888E

 B1FFFF

 006F75

 CEFFFF

 00565C

 ECFFFF

 003E45

 00282E

 000C1A

 000000

 59BEC4

 59BEC4

 45BDC4

 6DBFC4

 32BCC4

 80C0C4

 1EBBC4

 94C1C4

 0BBAC4

 A7C2C4

 00B9C4

 BBC3C4

 CFC5C4

 E2C6C4

 F6C7C4

 FFC8C4

Harmonies

Analogous

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



6EBEA8



59BEC4



61BADA

Triad

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



59BEC4



CCA1D0



C8AB79

Complementary

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



59BEC4



C45F59

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.



DDA284



59BEC4



E19BB6

Square

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



59BEC4



ABAAE1



E69C9B



ACB47C

Rectangle

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



59BEC4



76B6E3



E69C9B



D0A87B

Sweetspot

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



59BEC4



D6FDFD



59C45E



677E80



000000



808080

Same Dimension

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



59BEC4



57F6FF



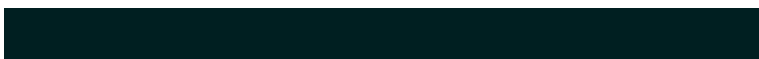
5989C4



576061



0098A1



001F21

Inverse Universe

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



C459BE



FF57F6



C49459



615760



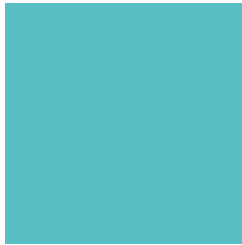
A10098



21001F

Previews

White Background



This preview shows how the Hex color 59BEC4 looks on a white background.

Color Contrast Check

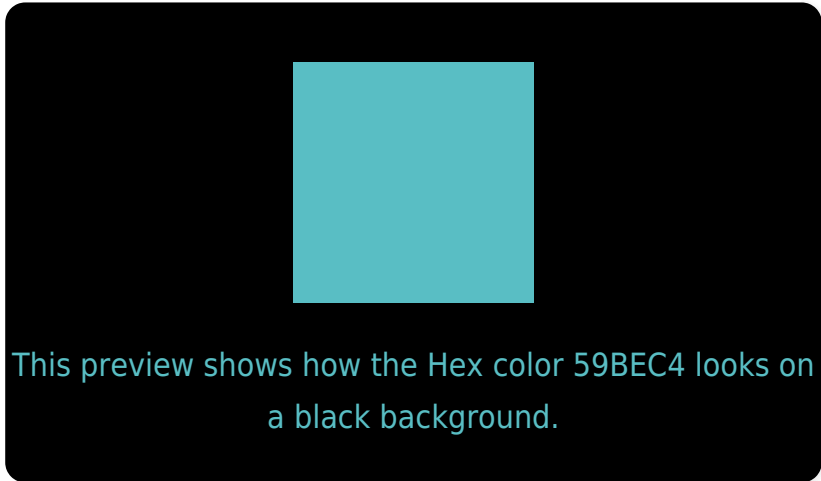
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

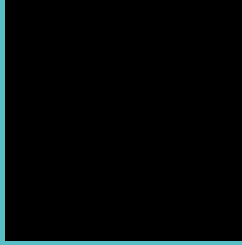
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

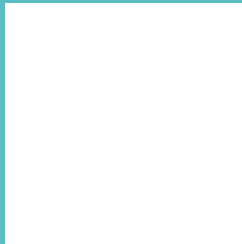
Any Text WCAG AAA ✓ Pass

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

Hex 59BEC4 Background



This preview shows how black text looks on a background with the Hex color 59BEC4.

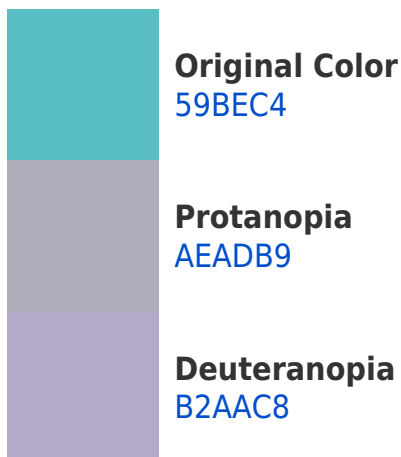


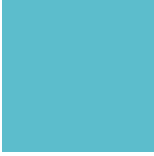
This preview shows how white text looks on a background with the Hex color 59BEC4.

Color Blindness Simulation

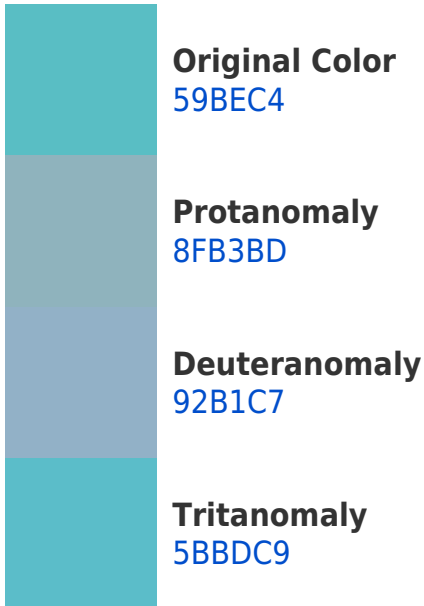
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 59BEC4 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 #59BEC4 looks like.

```
.text, #text, p{  
    color:#59BEC4  
}
```

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 #59BEC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59BEC4
}
```

Border

The CSS property to change the border of an element to Hex 59BEC4 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
#59BEC4 }
```

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

```
.border{ border-color:#59BEC4 }
```

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

Here you see how a box with a 4 pixel #59BEC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59BEC4; -webkit-box-shadow:4px 4px  
4px 4px #59BEC4; box-shadow:4px 4px 4px  
4px #59BEC4 }
```

Background

The CSS property to change the background color of an element to Hex 59BEC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59BEC4 }
```

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

```
.background{ background-color:#59BEC4 }
```

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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