

Converting Colors

Hex(59C6B9)

Have a look what the booklet for
Hex(59C6B9) contains.

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Color

Hex(59C6B9)

Conversions

Conversions Part 1

Format	Color
Hex	59C6B9
RGB	89, 198, 185
RGB Percent	35%, 78%, 73%
CMY	0.6510, 0.2235, 0.2745
CMYK	0.55, 0.00, 0.07, 0.22
HSL	173°, 49%, 56%
HSV	173°, 55%, 78%
XYZ	33.0709, 46.0148, 53.0377
YIQ	163.9270, -60.7910, -27.1510

Conversions

Conversions Part 2

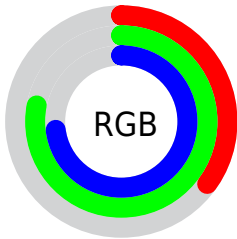
Format	Color
RYB	89, 147, 198
Decimal	5883577
CIELab	73.56, -34.34, -2.96
CIELCh	74, 34.468, 184.924
Yxy	46.0148, 0.2503, 0.3483
Android (android.graphics.Color)	4284073657 (0xFF59C6B9)
YUV	163.9270, 10.3890, -65.7110
Hunter-Lab	67.8342, -31.6867, 1.1268

Details

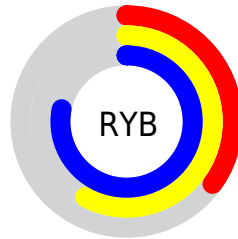
The Hex color **59C6B9** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **C65966**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **94FFF1**, and **0C9084** is the 20% darker color. If you saturate the color by 10%, you get **45C6B7**, and if you desaturate by 10%, it is **6DC6BB**.

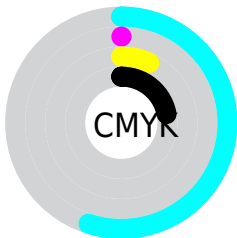
Distribution



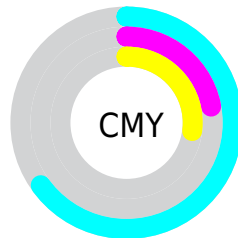
- Red (35%)
- Green (78%)
- Blue (73%)



- Red (35%)
- Yellow (58%)
- Blue (78%)



- Cyan (55%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)



- Cyan (65%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59C6B9 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 59C6B9 by changing the saturation by 10% instead.

 59C6B9

 59C6B9

FFFFFF

 39AA9E

 94FFF1

 0C9084

 B1FFFF

 00756B

 CEFFFF

 005C53

 ECFFFF

 00443C

 002D26

 001512

 000000

 59C6B9

 59C6B9

 45C6B7

 6DC6BB

 31C6B4

 81C6BE

 1EC6B2

 94C6C0

 0AC6B0

 A8C6C2

 00C6AE

 BCC6C5

 D0C6C7

 E4C6CA

 F7C6CC

 FFC6CE

Harmonies

Analogous

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



7EC499



59C6B9



47C5D8

Triad

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



59C6B9



C0ABE9



E1AA7C

Complementary

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



59C6B9



C65966

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.



F1A092



59C6B9



E1A1D0

Square

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



59C6B9



92B6F3



F29DB1



C5B475

Rectangle

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



59C6B9



54C1E7



F29DB1



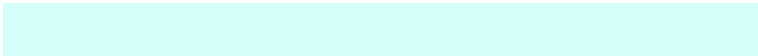
E8A682

Sweetspot

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



59C6B9



D4FFFA



68C659



66807C



000000



808080

Same Dimension

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



59C6B9



57FFEB



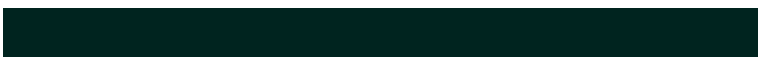
599EC6



5A6362



00A390



00241F

Inverse Universe

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



C65966



FF576B



C68159



635A5B



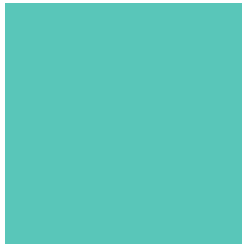
A30013



240004

Previews

White Background



This preview shows how the Hex color 59C6B9 looks on a white background.

Color Contrast Check

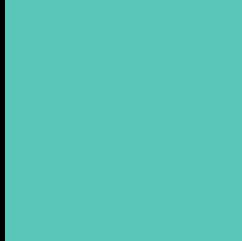
Large Text (above 18pt) WCAG AA × Fail

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 59C6B9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

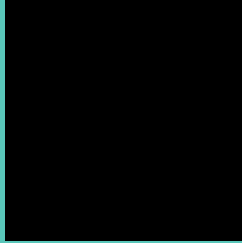
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

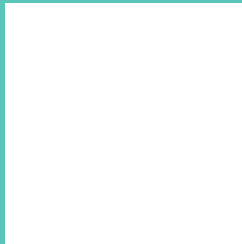
Any Text WCAG AAA ✓ Pass

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

Hex 59C6B9 Background



This preview shows how black text looks on a background with the Hex color 59C6B9.



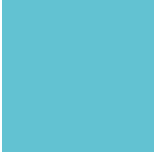
This preview shows how white text looks on a background with the Hex color 59C6B9.

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
62C2D2

Trichromacy



Original Color
59C6B9



Protanomaly
95BAB2



Deuteranomaly
9BB7BC

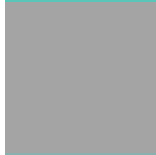


Tritanomaly
5FC3C9

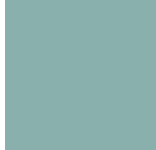
Monochromacy



Original Color
59C6B9



Achromatopsia
A4A4A4



Achromatomaly
89B0AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 59C6B9 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 #59C6B9 looks like.

```
.text, #text, p{  
    color:#59C6B9  
}
```

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 #59C6B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59C6B9
}
```

Border

The CSS property to change the border of an element to Hex 59C6B9 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
#59C6B9 }
```

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

```
.border{ border-color:#59C6B9 }
```

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

Here you see how a box with a 4 pixel #59C6B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59C6B9; -webkit-box-shadow:4px 4px  
4px 4px #59C6B9; box-shadow:4px 4px 4px  
4px #59C6B9 }
```

Background

The CSS property to change the background color of an element to Hex 59C6B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59C6B9 }
```

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

```
.background{ background-color:#59C6B9 }
```

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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