

Converting Colors

Hex(58B6CC)

Have a look what the booklet for
Hex(58B6CC) contains.

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Color

Hex(58B6CC)

Conversions

Conversions Part 1

Format	Color
Hex	58B6CC
RGB	88, 182, 204
RGB Percent	35%, 71%, 80%
CMY	0.6549, 0.2863, 0.2000
CMYK	0.57, 0.11, 0.00, 0.20
HSL	191°, 53%, 57%
HSV	191°, 57%, 80%
XYZ	31.6515, 39.8902, 63.1581
YIQ	156.4020, -63.0860, -13.0860

Conversions

Conversions Part 2

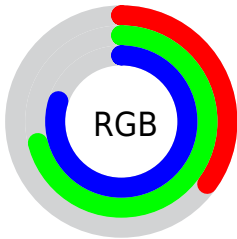
Format	Color
RYB	88, 140, 204
Decimal	5813964
CIELab	69.39, -21.50, -19.57
CIELCh	69, 29.071, 222.313
Yxy	39.8902, 0.2350, 0.2961
Android (android.graphics.Color)	4284004044 (0xFF58B6CC)
YUV	156.4020, 23.4658, -59.9886
Hunter-Lab	63.1587, -21.0738, -15.0783

Details

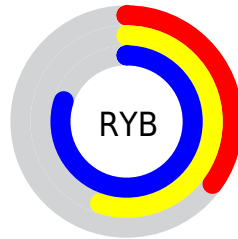
The Hex color **58B6CC** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **CC6E58**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **93EEFF**, and **088196** is the 20% darker color. If you saturate the color by 10%, you get **44B2CC**, and if you desaturate by 10%, it is **6CBACC**.

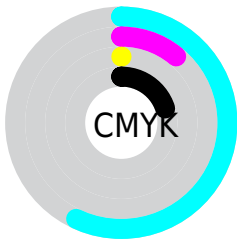
Distribution



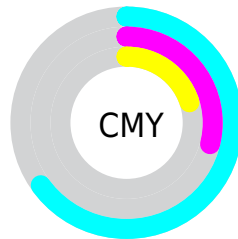
- Red (35%)
- Green (71%)
- Blue (80%)



- Red (35%)
- Yellow (55%)
- Blue (80%)



- Cyan (57%)
- Magenta (11%)
- Yellow (0%)
- Black (20%)



- Cyan (65%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58B6CC 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 58B6CC by changing the saturation by 10% instead.

 58B6CC

 58B6CC

FFFFFF

 389BB1

 93EEFF

 088196

 B0FFFF

 00687C

 CDFFFF

 004F63

 EBFFFF

 00384B

 002334

 000220

 000003

 000000

■ 58B6CC

■ 58B6CC

■ 44B2CC

■ 6CBACC

■ 2FAECC

■ 81BECC

■ 1BAACC

■ 95C2CC

■ 06A7CC

■ AAC5CC

■ 00A5CC

■ BEC9CC

■ D2CDCC

■ E7D1CC

■ FBD5CC

■ FFD9CC

Harmonies

Analogous

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



5CB8B4



58B6CC



71B1DB

Triad

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



58B6CC



D498BA



B1AB76

Complementary

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



58B6CC



CC6E58

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.



CAA278



58B6CC



DE969F

Square

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



58B6CC



BB9FD1



DA9A87



94B282

Rectangle

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



58B6CC



8AABDE



DA9A87



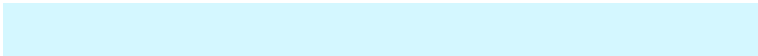
BAA875

Sweetspot

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



58B6CC



D4F7FF



58CC6D



667B80



000000



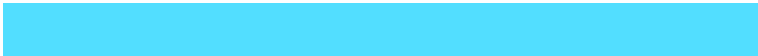
808080

Same Dimension

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



58B6CC



52DEFF



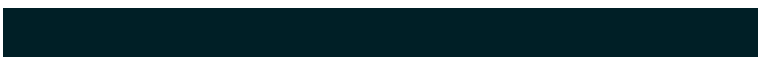
587DCC



5C6466



0086A6



001F26

Inverse Universe

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



CC58B6



FF52DE



CCA758



665C64



A60086



26001F

Previews

White Background



This preview shows how the Hex color 58B6CC looks on a white background.

Color Contrast Check

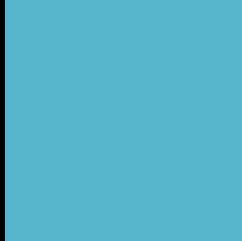
Large Text (above 18pt) WCAG AA × Fail

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 58B6CC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

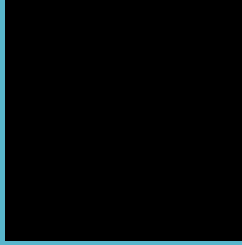
Any Text WCAG AA ✓ Pass

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 58B6CC Background



This preview shows how black text looks on a background with the Hex color 58B6CC.

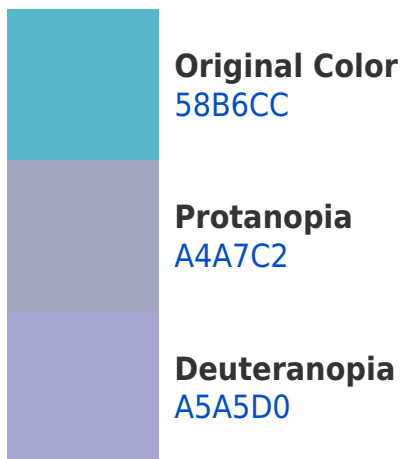


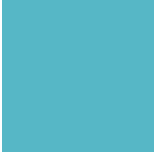
This preview shows how white text looks on a background with the Hex color 58B6CC.

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](#).

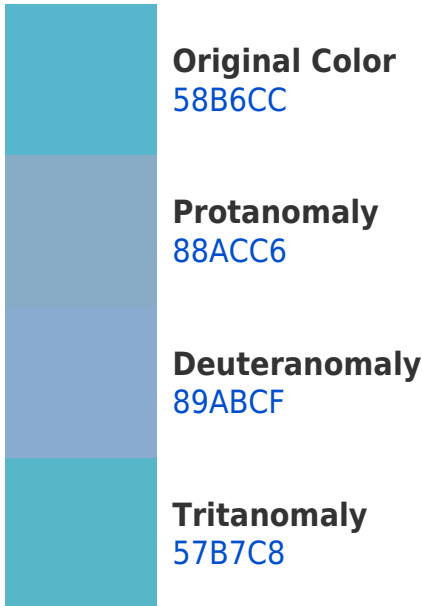
Dichromacy



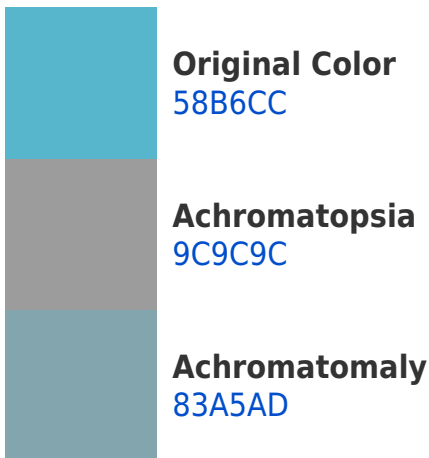


Tritanopia
56B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 58B6CC 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 #58B6CC looks like.

```
.text, #text, p{  
    color:#58B6CC  
}
```

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 #58B6CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58B6CC
}
```

Border

The CSS property to change the border of an element to Hex 58B6CC 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
#58B6CC }
```

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

```
.border{ border-color:#58B6CC }
```

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

Here you see how a box with a 4 pixel #58B6CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58B6CC; -webkit-box-shadow:4px 4px  
4px 4px #58B6CC; box-shadow:4px 4px 4px  
4px #58B6CC }
```

Background

The CSS property to change the background color of an element to Hex 58B6CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58B6CC }
```

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

```
.background{ background-color:#58B6CC }
```

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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