

Converting Colors

Hex(58BBCE)

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

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Color

Hex(58BBCE)

Conversions

Conversions Part 1

Format	Color
Hex	58BBCE
RGB	88, 187, 206
RGB Percent	35%, 73%, 81%
CMY	0.6549, 0.2667, 0.1922
CMYK	0.57, 0.09, 0.00, 0.19
HSL	190°, 55%, 58%
HSV	190°, 57%, 81%
XYZ	32.9354, 42.0716, 64.7773
YIQ	159.5650, -65.1030, -15.0790

Conversions

Conversions Part 2

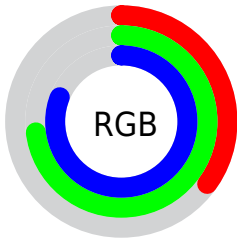
Format	Color
RYB	88, 142, 206
Decimal	5815246
CIELab	70.92, -23.46, -18.35
CIELCh	71, 29.786, 218.023
Yxy	42.0716, 0.2356, 0.3010
Android (android.graphics.Color)	4284005326 (0xFF58BBCE)
YUV	159.5650, 22.8925, -62.7625
Hunter-Lab	64.8626, -22.8723, -13.8082

Details

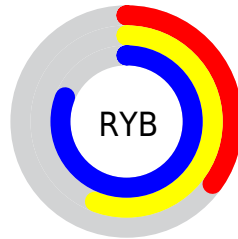
The Hex color **58BBCE** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **CE6B58**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **93F3FF**, and **038698** is the 20% darker color. If you saturate the color by 10%, you get **43B8CE**, and if you desaturate by 10%, it is **6DBECE**.

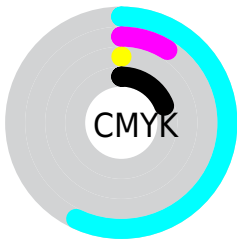
Distribution



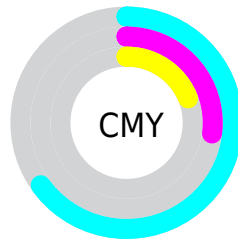
- Red (35%)
- Green (73%)
- Blue (81%)



- Red (35%)
- Yellow (56%)
- Blue (81%)



- Cyan (57%)
- Magenta (9%)
- Yellow (0%)
- Black (19%)



- Cyan (65%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 58BBCE

 58BBCE

FFFFFF

 38A0B2

 93F3FF

 038698

 B1FFFF

 006C7E

 CEFFFF

 005365

 ECFFFF

 003C4D

 002636

 000821

 000007

 000000

■ 58BBCE

■ 58BBCE

■ 43B8CE

■ 6DBECE

■ 2FB4CE

■ 81C2CE

■ 1AB1CE

■ 96C5CE

■ 06AECE

■ AAC8CE

■ 00ADCE

■ BFCCCE

■ D4CFCE

■ E8D2CE

■ FDD6CE

■ FFD9CE

Harmonies

Analogous

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



61BDB4



58BBCE



6FB6DF

Triad

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



58BBCE



D69CC2



BAAE78

Complementary

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



58BBCE



CE6B58

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.



D2A57C



58BBCE



E399A7

Square

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



58BBCE



BBA4D8



E19D8D



9CB682

Rectangle

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



58BBCE



88B1E3



E19D8D



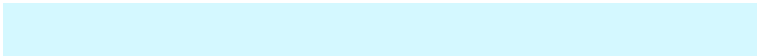
C2AB77

Sweetspot

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



58BBCE



D4F8FF



58CE6A



667B80



000000



808080

Same Dimension

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



58BBCE



4FE3FF



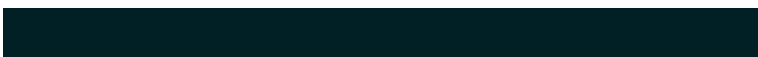
5881CE



5C6466



008BA6



002026

Inverse Universe

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



CE58BB



FF4FE3



CEA558



665C64



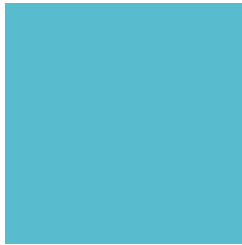
A6008B



260020

Previews

White Background



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

Color Contrast Check

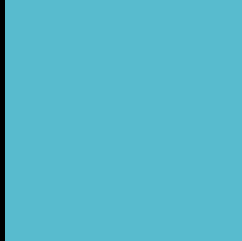
Large Text (above 18pt) WCAG AA × Fail

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 58BBCE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

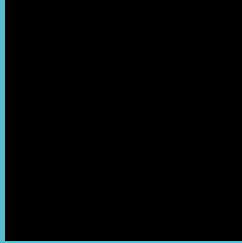
Any Text WCAG AA ✓ Pass

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 58BBCE Background



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

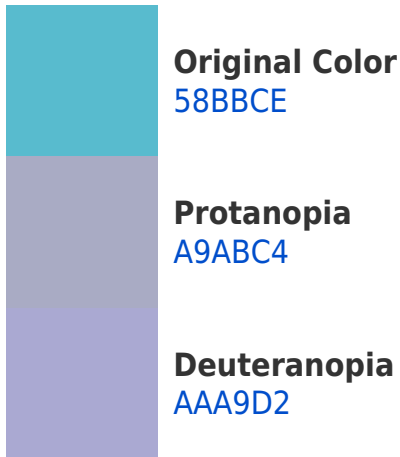


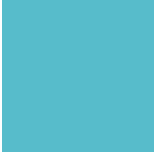
This preview shows how white text looks on a background with the Hex color 58BBCE.

Color Blindness Simulation

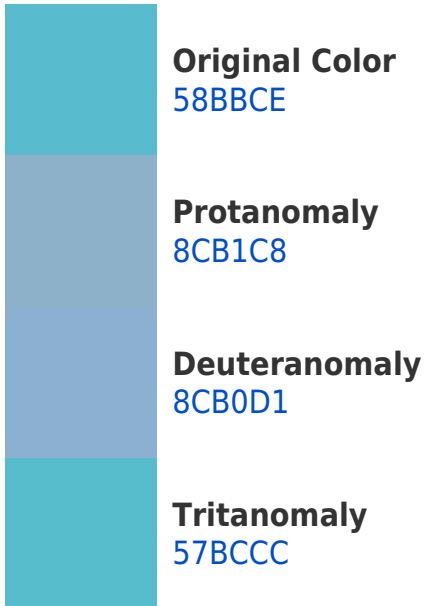
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #58BBCE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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