

Converting Colors

Hex(5AB8CC)

Have a look what the booklet for
Hex(5AB8CC) contains.

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Color

Hex(5AB8CC)

Conversions

Conversions Part 1

Format	Color
Hex	5AB8CC
RGB	90, 184, 204
RGB Percent	35%, 72%, 80%
CMY	0.6471, 0.2784, 0.2000
CMYK	0.56, 0.10, 0.00, 0.20
HSL	191°, 53%, 58%
HSV	191°, 56%, 80%
XYZ	32.2560, 40.8143, 63.3046
YIQ	158.1740, -62.4440, -13.7080

Conversions

Conversions Part 2

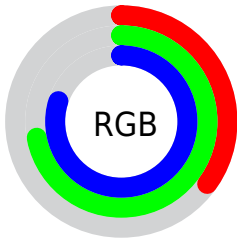
Format	Color
RYB	90, 142, 204
Decimal	5945548
CIELab	70.05, -22.13, -18.57
CIELCh	70, 28.886, 220.008
Yxy	40.8143, 0.2365, 0.2993
Android (android.graphics.Color)	4284135628 (0xFF5AB8CC)
YUV	158.1740, 22.5922, -59.7886
Hunter-Lab	63.8860, -21.6761, -14.0302

Details

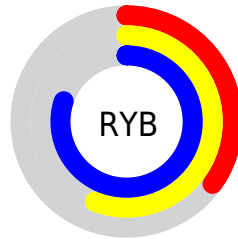
The Hex color **5AB8CC** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **CC6E5A**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **95F0FF**, and **0F8396** is the 20% darker color. If you saturate the color by 10%, you get **46B4CC**, and if you desaturate by 10%, it is **6EBCCC**.

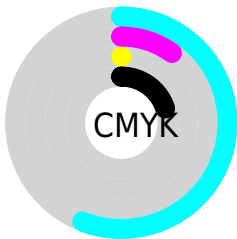
Distribution



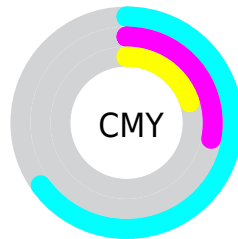
- Red (35%)
- Green (72%)
- Blue (80%)



- Red (35%)
- Yellow (56%)
- Blue (80%)



- Cyan (56%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)



- Cyan (65%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AB8CC 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 5AB8CC by changing the saturation by 10% instead.

■ 5AB8CC

■ 5AB8CC

FFFFFF

■ 3A9DB1

■ 95F0FF

■ 0F8396

■ B2FFFF

■ 00697C

■ CFFFFF

■ 005163

■ EDFFFF

■ 003A4B

■ 002434

■ 000220

■ 000003

■ 000000

■ 5AB8CC

■ 5AB8CC

■ 46B4CC

■ 6EBCCC

■ 31B1CC

■ 83BFCC

■ 1DADCC

■ 97C3CC

■ 08AACC

■ ACC6CC

■ 00A8CC

■ C0CACC

■ D4CDCC

■ E9D1CC

■ FDD5CC

■ FFD8CC

Harmonies

Analogous

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



60BAB3



5AB8CC



71B3DC

Triad

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



5AB8CC



D49ABE



B5AC77

Complementary

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



5AB8CC



CC6E5A

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.



CDA47A



5AB8CC



E098A3

Square

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



5AB8CC



BAA1D3



DD9C8B



98B482

Rectangle

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



5AB8CC



89AEDF



DD9C8B



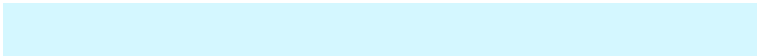
BEAA77

Sweetspot

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



5AB8CC



D4F7FF



5ACC6D



667B80



000000



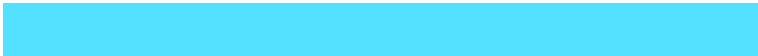
808080

Same Dimension

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



5AB8CC



54E1FF



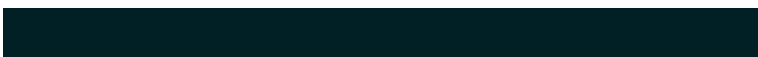
5A80CC



5C6466



0089A6



002026

Inverse Universe

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



CC5AB8



FF54E1



CCA65A



665C64



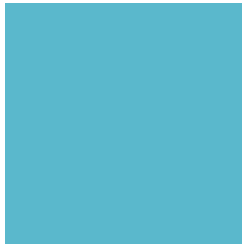
A60089



260020

Previews

White Background



This preview shows how the Hex color 5AB8CC looks on a white background.

Color Contrast Check

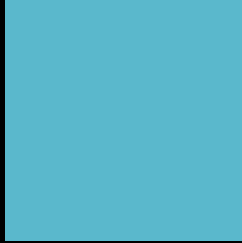
Large Text (above 18pt) WCAG AA × Fail

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 5AB8CC 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 5AB8CC Background



This preview shows how black text looks on a background with the Hex color 5AB8CC.

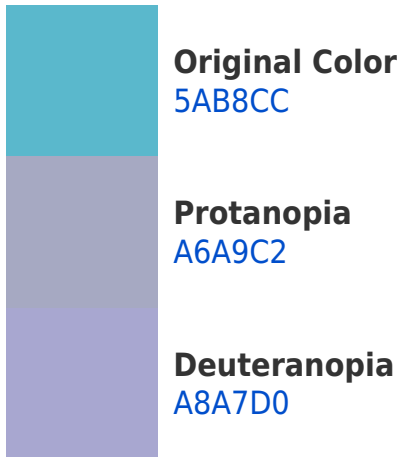


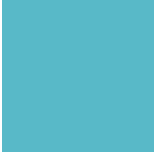
This preview shows how white text looks on a background with the Hex color 5AB8CC.

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](#).

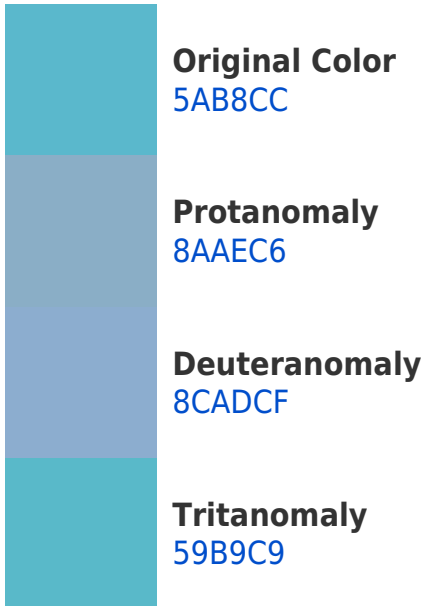
Dichromacy



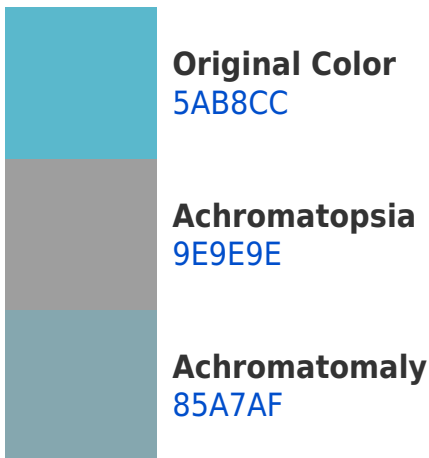


Tritanopia
58B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AB8CC 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 #5AB8CC looks like.

```
.text, #text, p{  
    color:#5AB8CC  
}
```

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 #5AB8CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AB8CC
}
```

Border

The CSS property to change the border of an element to Hex 5AB8CC 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
#5AB8CC }
```

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

```
.border{ border-color:#5AB8CC }
```

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

Here you see how a box with a 4 pixel #5AB8CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AB8CC; -webkit-box-shadow:4px 4px  
4px 4px #5AB8CC; box-shadow:4px 4px 4px  
4px #5AB8CC }
```

Background

The CSS property to change the background color of an element to Hex 5AB8CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AB8CC }
```

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

```
.background{ background-color:#5AB8CC }
```

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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