

Converting Colors

Hex(50A8CC)

Have a look what the booklet for
Hex(50A8CC) contains.

Hex(50A8CC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(50A8CC)

Conversions

Conversions Part 1

Format	Color
Hex	50A8CC
RGB	80, 168, 204
RGB Percent	31%, 66%, 80%
CMY	0.6863, 0.3412, 0.2000
CMYK	0.61, 0.18, 0.00, 0.20
HSL	197°, 55%, 56%
HSV	197°, 61%, 80%
XYZ	28.2100, 34.0704, 62.2162
YIQ	145.7920, -64.0040, -7.4600

Conversions

Conversions Part 2

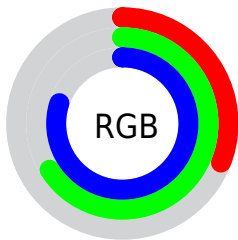
Format	Color
RYB	80, 131, 204
Decimal	5286092
CIELab	65.02, -15.69, -26.28
CIELCh	65, 30.607, 239.150
Yxy	34.0704, 0.2266, 0.2737
Android (android.graphics.Color)	4283476172 (0xFF50A8CC)
YUV	145.7920, 28.6965, -57.6996
Hunter-Lab	58.3698, -15.8786, -22.3381

Details

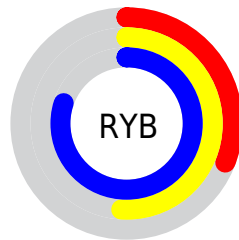
The Hex color **50A8CC** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **CC7450**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **8CDFFF**, and **007496** is the 20% darker color. If you saturate the color by 10%, you get **3CA2CC**, and if you desaturate by 10%, it is **64AECC**.

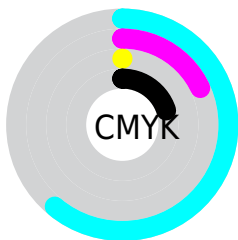
Distribution



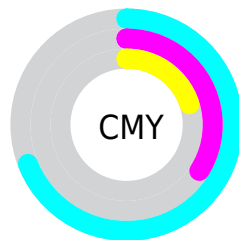
- Red (31%)
- Green (66%)
- Blue (80%)



- Red (31%)
- Yellow (51%)
- Blue (80%)



- Cyan (61%)
- Magenta (18%)
- Yellow (0%)
- Black (20%)



- Cyan (69%)
- Magenta (34%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50A8CC 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 50A8CC by changing the saturation by 10% instead.

 50A8CC

 50A8CC

FFFFFF

 2E8EB0

 8CDFFF

 007496

 A9FCFF

 005B7C

 C6FFFF

 004463

 E4FFFF

 002D4B

 001A34

 00021F

 000001

 000000

■ 50A8CC

■ 50A8CC

■ 3CA2CC

■ 64AECC

■ 279CCC

■ 79B4CC

■ 1396CC

■ 8DBACC

■ 0091CC

■ A2C0CC

■ B6C6CC

■ CACCCC

■ DFD1CC

■ F3D7CC

■ FFDDCC

Harmonies

Analogous

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



40ACB7



50A8CC



78A1D4

Triad

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



50A8CC



D189A0



95A46D

Complementary

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



50A8CC



CC7450

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.



B19C67



50A8CC



D38B84

Square

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



50A8CC



C08EBA



C89270



75AA81

Rectangle

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



50A8CC



939AD1



C89270



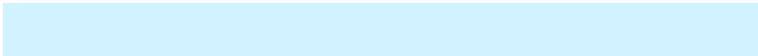
9FA269

Sweetspot

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



50A8CC



D1F2FF



50CC73



637780



000000



808080

Same Dimension

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



50A8CC



45C9FF



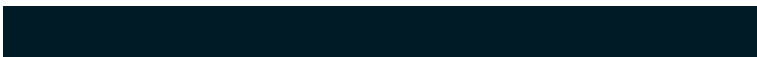
506BCC



5C6366



0076A6



001B26

Inverse Universe

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



CC50A8



FF45C9



CCB150



665C63



A60076



26001B

Previews

White Background



This preview shows how the Hex color 50A8CC looks on a white background.

Color Contrast Check

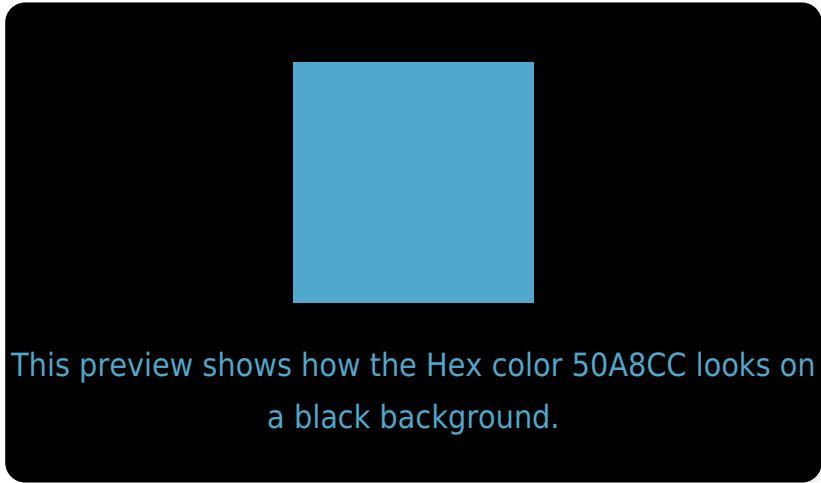
Large Text (above 18pt) WCAG AA × Fail

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 50A8CC Background



This preview shows how black text looks on a background with the Hex color 50A8CC.

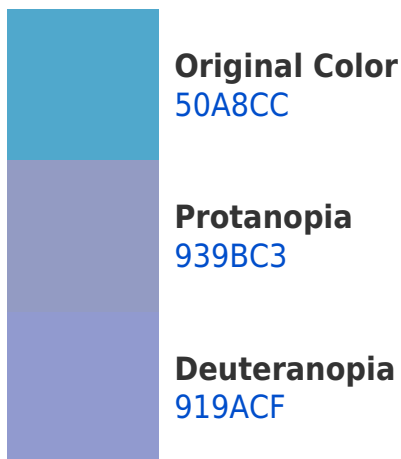


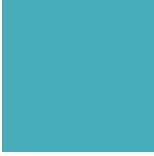
This preview shows how white text looks on a background with the Hex color 50A8CC.

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](#).

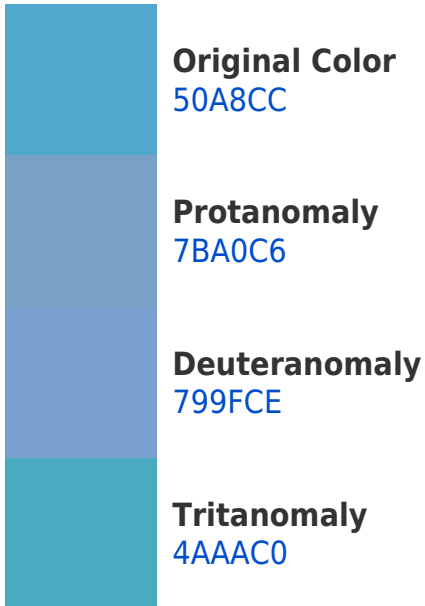
Dichromacy



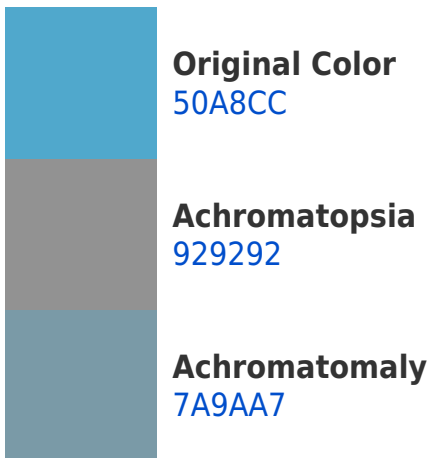


Tritanopia
47ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50A8CC 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 #50A8CC looks like.

```
.text, #text, p{  
    color:#50A8CC  
}
```

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 #50A8CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50A8CC  
}
```

Border

The CSS property to change the border of an element to Hex 50A8CC 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  
#50A8CC }
```

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

```
.border{ border-color:#50A8CC }
```

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

Here you see how a box with a 4 pixel #50A8CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50A8CC; -webkit-box-shadow:4px 4px  
4px 4px #50A8CC; box-shadow:4px 4px 4px  
4px #50A8CC }
```

Background

The CSS property to change the background color of an element to Hex 50A8CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50A8CC }
```

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

```
.background{ background-color:#50A8CC }
```

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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