

Converting Colors

Hex(50A5C9)

Have a look what the booklet for
Hex(50A5C9) contains.

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Color

Hex(50A5C9)

Conversions

Conversions Part 1

Format	Color
Hex	50A5C9
RGB	80, 165, 201
RGB Percent	31%, 65%, 79%
CMY	0.6863, 0.3529, 0.2118
CMYK	0.60, 0.18, 0.00, 0.21
HSL	198°, 53%, 55%
HSV	198°, 60%, 79%
XYZ	27.3060, 32.8328, 60.1565
YIQ	143.6890, -62.2160, -6.8240

Conversions

Conversions Part 2

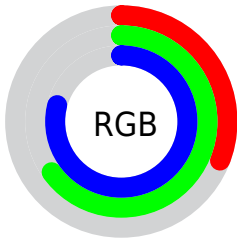
Format	Color
R _Y B	80, 130, 201
Decimal	5285321
CIE Lab	64.03, -15.02, -26.14
CIE LCh	64, 30.143, 240.122
Yxy	32.8328, 0.2270, 0.2729
Android (android.graphics.Color)	4283475401 (0xFF50A5C9)
YUV	143.6890, 28.2543, -55.8553
Hunter-Lab	57.2999, -15.2114, -22.1359

Details

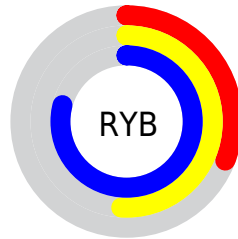
The Hex color **50A5C9** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **C97450**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **8BDCFF**, and **007193** is the 20% darker color. If you saturate the color by 10%, you get **3C9FC9**, and if you desaturate by 10%, it is **64ABC9**.

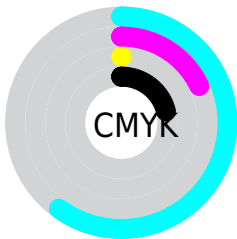
Distribution



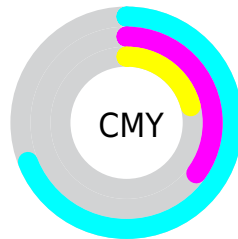
- Red (31%)
- Green (65%)
- Blue (79%)



- Red (31%)
- Yellow (51%)
- Blue (79%)



- Cyan (60%)
- Magenta (18%)
- Yellow (0%)
- Black (21%)



- Cyan (69%)
- Magenta (35%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50A5C9 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 50A5C9 by changing the saturation by 10% instead.

■ 50A5C9

■ 50A5C9

FFFFFF

■ 2F8BAE

■ 8BDCFF

■ 007193

■ A8F9FF

■ 005979

■ C5FFFF

■ 004160

■ E3FFFF

■ 002B48

■ 001831

■ 00021C

■ 000000

■ 50A5C9

■ 50A5C9

■ 3C9FC9

■ 64ABC9

■ 2899C9

■ 78B1C9

■ 1493C9

■ 8CB7C9

■ 008DC9

■ A0BDC9

■ B5C3C9

■ C9C9C9

■ DDCFC9

■ F1D5C9

■ FFDBC9

Harmonies

Analogous

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



40A9B5



50A5C9



779ED0

Triad

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



50A5C9



CE879C



91A26C

Complementary

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



50A5C9



C97450

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.



AE9965



50A5C9



D08981

Square

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



50A5C9



BD8BB6



C4906D



72A780

Rectangle

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



50A5C9



9297CD



C4906D



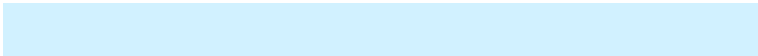
9B9F68

Sweetspot

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



50A5C9



D1F1FF



50C972



637780



000000



808080

Same Dimension

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



50A5C9



47C8FF



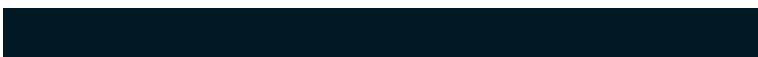
506AC9



5A6063



0073A3



001924

Inverse Universe

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



C950A5



FF47C8



C9AF50



635A60



A30073



240019

Previews

White Background



This preview shows how the Hex color 50A5C9 looks on a white background.

Color Contrast Check

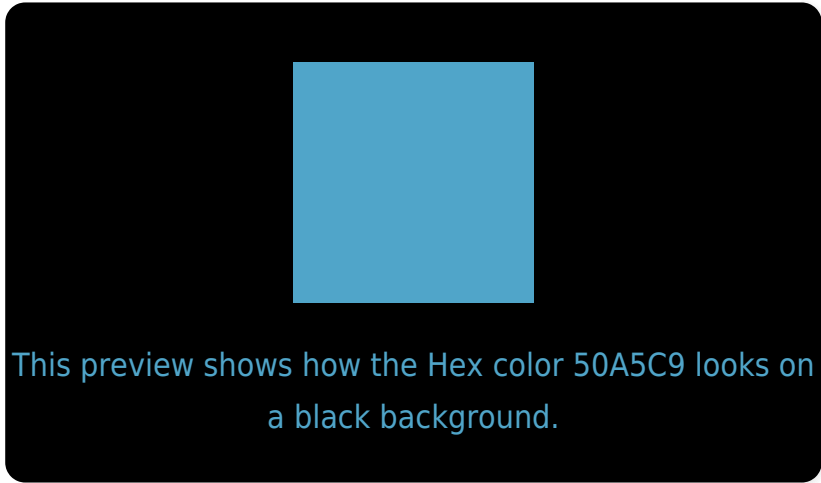
Large Text (above 18pt) WCAG AA × Fail

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 50A5C9 Background



This preview shows how black text looks on a background with the Hex color 50A5C9.

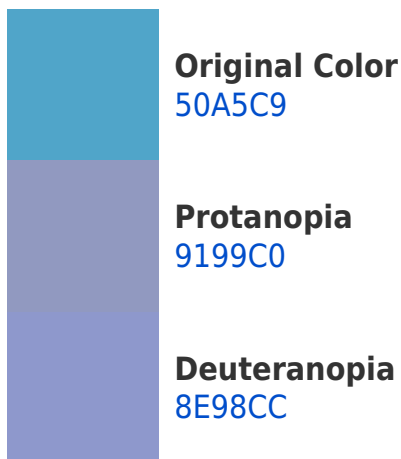


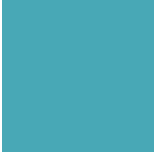
This preview shows how white text looks on a background with the Hex color 50A5C9.

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](#).

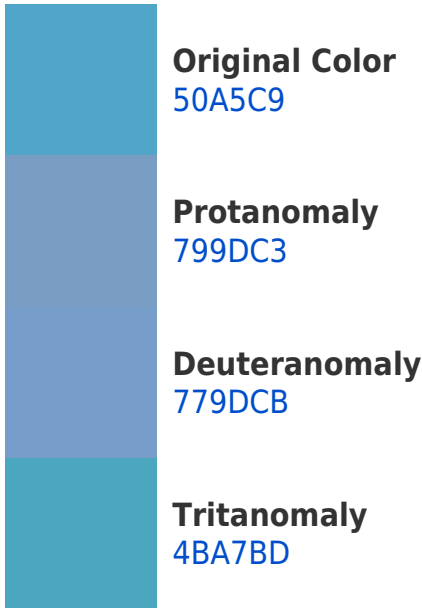
Dichromacy



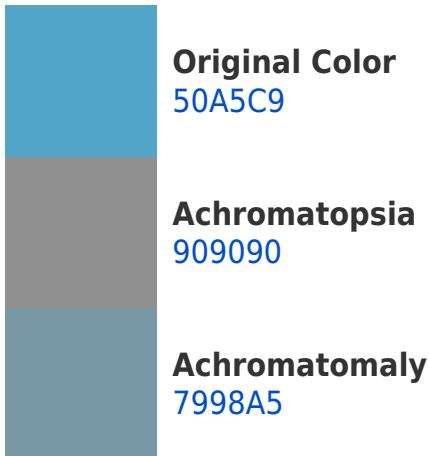


Tritanopia
48A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50A5C9 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 #50A5C9 looks like.

```
.text, #text, p{  
    color:#50A5C9  
}
```

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 #50A5C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50A5C9
}
```

Border

The CSS property to change the border of an element to Hex 50A5C9 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
#50A5C9 }
```

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

```
.border{ border-color:#50A5C9 }
```

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

Here you see how a box with a 4 pixel #50A5C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50A5C9; -webkit-box-shadow:4px 4px  
4px 4px #50A5C9; box-shadow:4px 4px 4px  
4px #50A5C9 }
```

Background

The CSS property to change the background color of an element to Hex 50A5C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50A5C9 }
```

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

```
.background{ background-color:#50A5C9 }
```

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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