

Converting Colors

Hex(49A0BC)

Have a look what the booklet for
Hex(49A0BC) contains.

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Color

Hex(49A0BC)

Conversions

Conversions Part 1

Format	Color
Hex	49A0BC
RGB	73, 160, 188
RGB Percent	29%, 63%, 74%
CMY	0.7137, 0.3725, 0.2627
CMYK	0.61, 0.15, 0.00, 0.26
HSL	195°, 46%, 51%
HSV	195°, 61%, 74%
XYZ	24.3956, 30.1889, 52.1182
YIQ	137.1790, -60.8400, -9.7360

Conversions

Conversions Part 2

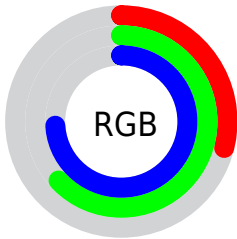
Format	Color
RYB	73, 123, 188
Decimal	4825276
CIELab	61.82, -17.66, -22.28
CIELCh	62, 28.433, 231.599
Yxy	30.1889, 0.2286, 0.2829
Android (android.graphics.Color)	4283015356 (0xFF49A0BC)
YUV	137.1790, 25.0548, -56.2850
Hunter-Lab	54.9444, -16.8980, -17.7791

Details

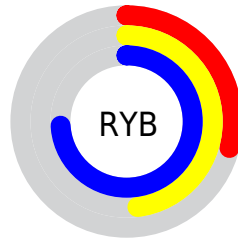
The Hex color **49A0BC** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BC6549**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **84D7F4**, and **006C87** is the 20% darker color. If you saturate the color by 10%, you get **369BBC**, and if you desaturate by 10%, it is **5CA5BC**.

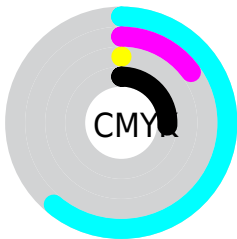
Distribution



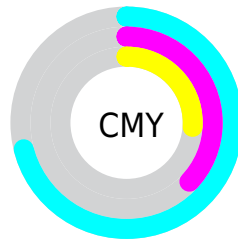
- Red (29%)
- Green (63%)
- Blue (74%)



- Red (29%)
- Yellow (48%)
- Blue (74%)



- Cyan (61%)
- Magenta (15%)
- Yellow (0%)
- Black (26%)



- Cyan (71%)
- Magenta (37%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49A0BC 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 49A0BC by changing the saturation by 10% instead.

■ 49A0BC

■ 49A0BC

FFFFFF

■ 2786A1

■ 84D7F4

■ 006C87

■ A1F3FF

■ 00546D

■ BEFFFF

■ 003D55

■ DBFFFF

■ 00273E

■ F9FFFF

■ 000F28

■ 000112

■ 000000

■ 49A0BC

■ 49A0BC

■ 369BBC

■ 5CA5BC

■ 2397BC

■ 6FA9BC

■ 1192BC

■ 81AEBC

■ 008EBC

■ 94B2BC

■ A7B7BC

■ BABBBC

■ CDC0BC

■ DFC5BC

■ F2C9BC

Harmonies

Analogous

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



44A3A7



49A0BC



699AC7

Triad

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



49A0BC



C2839D



949966

Complementary

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



49A0BC



BC6549

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.



AD9164



49A0BC



C88384

Square

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



49A0BC



AF89B5



C0896F



779F75

Rectangle

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



49A0BC



8394C6



C0896F



9D9764

Sweetspot

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



49A0BC



C9EAF5



49BC64



5F747A



FAFAFA



7A7A7A

Same Dimension

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



49A0BC



42C9F5



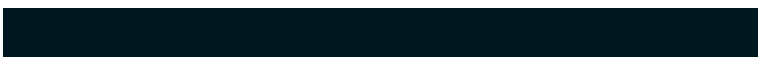
4968BC



555C5E



00789E



00171F

Inverse Universe

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



BC49A0



F542C9



BC9D49



5E555C



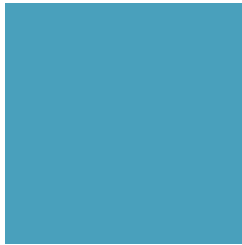
9E0078



1F0017

Previews

White Background



This preview shows how the Hex color 49A0BC looks on a white background.

Color Contrast Check

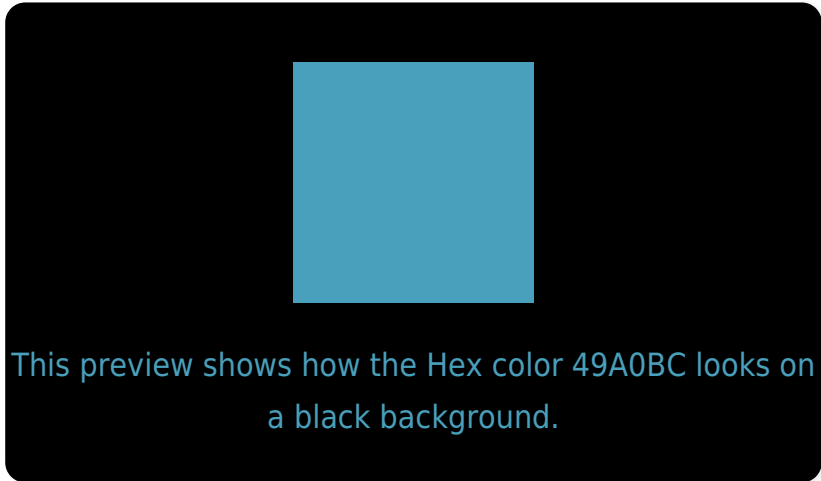
Large Text (above 18pt) WCAG AA × Fail

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

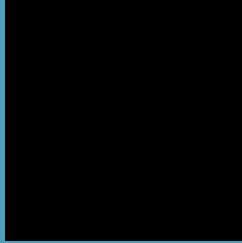
Any Text WCAG AA ✓ Pass

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 49A0BC Background



This preview shows how black text looks on a background with the Hex color 49A0BC.

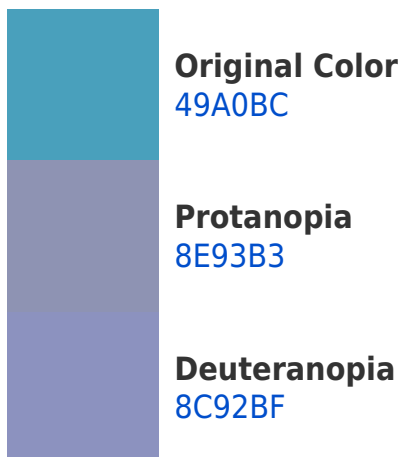


This preview shows how white text looks on a background with the Hex color 49A0BC.

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](#).

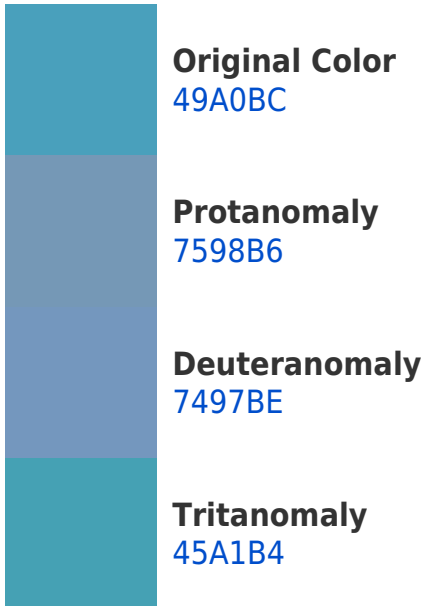
Dichromacy





Tritanopia
43A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49A0BC 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 #49A0BC looks like.

```
.text, #text, p{  
    color:#49A0BC  
}
```

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 #49A0BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49A0BC
}
```

Border

The CSS property to change the border of an element to Hex 49A0BC 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
#49A0BC }
```

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

```
.border{ border-color:#49A0BC }
```

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

Here you see how a box with a 4 pixel #49A0BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49A0BC; -webkit-box-shadow:4px 4px  
4px 4px #49A0BC; box-shadow:4px 4px 4px  
4px #49A0BC }
```

Background

The CSS property to change the background color of an element to Hex 49A0BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49A0BC }
```

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

```
.background{ background-color:#49A0BC }
```

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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