

Converting Colors

Hex(4C9BAF)

Have a look what the booklet for
Hex(4C9BAF) contains.

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Color

Hex(4C9BAF)

Conversions

Conversions Part 1

Format	Color
Hex	4C9BAF
RGB	76, 155, 175
RGB Percent	30%, 61%, 69%
CMY	0.7020, 0.3922, 0.3137
CMYK	0.57, 0.11, 0.00, 0.31
HSL	192°, 39%, 49%
HSV	192°, 57%, 69%
XYZ	22.4397, 28.0743, 44.7936
YIQ	133.6590, -53.5040, -10.5280

Conversions

Conversions Part 2

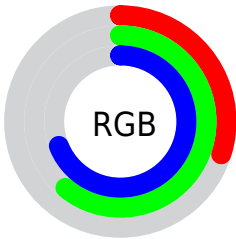
Format	Color
RYB	76, 120, 175
Decimal	5020591
CIELab	59.96, -18.37, -17.79
CIElCh	60, 25.571, 224.081
Yxy	28.0743, 0.2354, 0.2946
Android (android.graphics.Color)	4283210671 (0xFF4C9BAF)
YUV	133.6590, 20.3811, -50.5669
Hunter-Lab	52.9852, -17.1278, -13.0340

Details

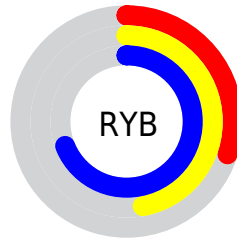
The Hex color **4C9BAF** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AF604C**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **85D2E7**, and **00687B** is the 20% darker color. If you saturate the color by 10%, you get **3B97AF**, and if you desaturate by 10%, it is **5E9FAF**.

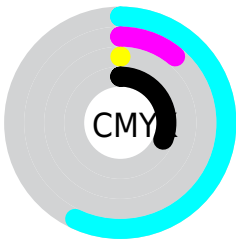
Distribution



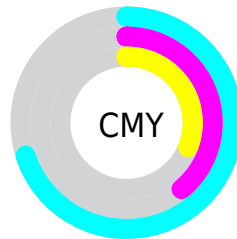
- Red (30%)
- Green (61%)
- Blue (69%)



- Red (30%)
- Yellow (47%)
- Blue (69%)



- Cyan (57%)
- Magenta (11%)
- Yellow (0%)
- Black (31%)



- Cyan (70%)
- Magenta (39%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C9BAF 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 4C9BAF by changing the saturation by 10% instead.

■ 4C9BAF

■ 4C9BAF

FFFFFF

■ 2D8194

■ 85D2E7

■ 00687B

■ A1EEFF

■ 004F62

■ BEFFFF

■ 00384A

■ DBFFFF

■ 002333

■ F9FFFF

■ 00021F

■ 000001

■ 000000

■ 4C9BAF

■ 4C9BAF

■ 3B97AF

■ 5E9FAF

■ 2994AF

■ 6FA2AF

■ 1890AF

■ 81A6AF

■ 068DAF

■ 92A9AF

■ 008CAF

■ A3ADAF

■ B5B0AF

■ C7B4AF

■ D8B7AF

■ EABBAF

Harmonies

Analogous

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



4E9D9B



4C9BAF



6296BB

Triad

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



4C9BAF



B5819D



969265

Complementary

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



4C9BAF



AF604C

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.



AB8B66



4C9BAF



BE8087

Square

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



4C9BAF



A187B1



BA8472



7C9870

Rectangle

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



4C9BAF



7892BD



BA8472



9D9063

Sweetspot

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



4C9BAF



BCDBE3



4CAF60



5C6E73



F2F2F2



737373

Same Dimension

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



4C9BAF



49C4E3



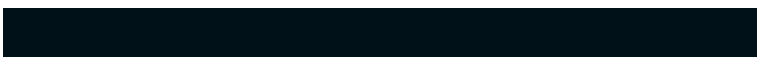
4C6AAF



4E5557



007896



001217

Inverse Universe

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



AF4C9B



E349C4



AF914C



574E55



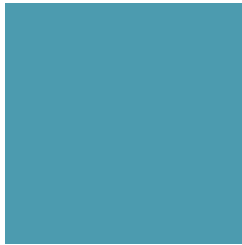
960078



170012

Previews

White Background



This preview shows how the Hex color 4C9BAF looks on a white background.

Color Contrast Check

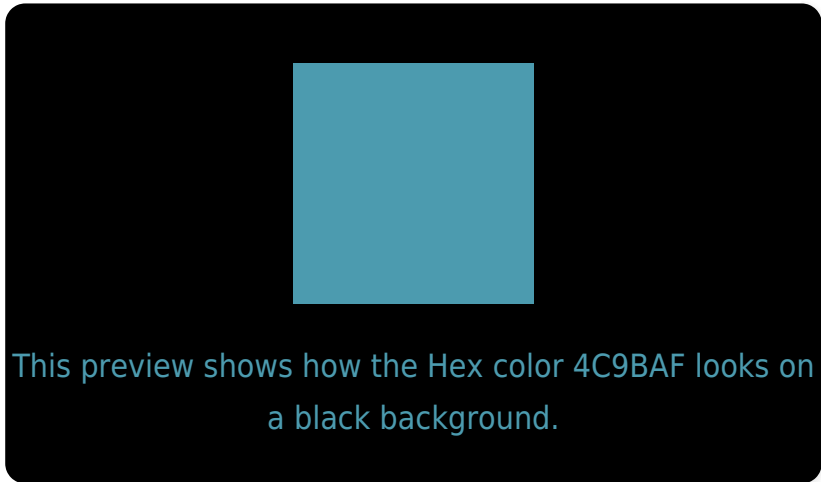
Large Text (above 18pt) WCAG AA ✓ Pass

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

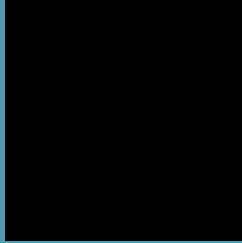
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4C9BAF Background



This preview shows how black text looks on a background with the Hex color 4C9BAF.

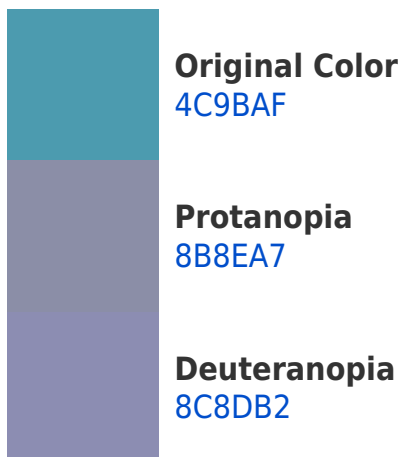


This preview shows how white text looks on a background with the Hex color 4C9BAF.

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](#).

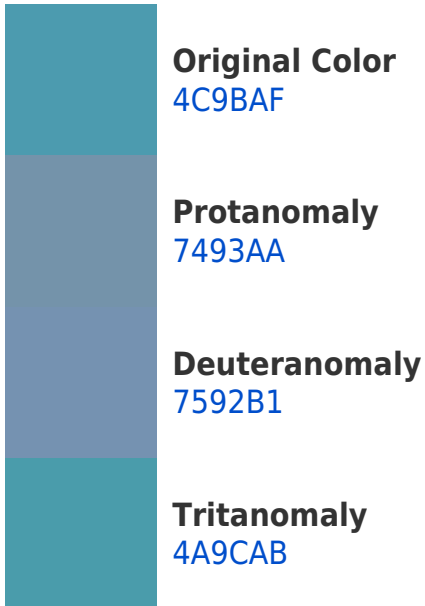
Dichromacy





Tritanopia
499CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C9BAF 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 #4C9BAF looks like.

```
.text, #text, p{  
    color:#4C9BAF  
}
```

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 #4C9BAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C9BAF
}
```

Border

The CSS property to change the border of an element to Hex 4C9BAF 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
#4C9BAF }
```

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

```
.border{ border-color:#4C9BAF }
```

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

Here you see how a box with a 4 pixel #4C9BAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C9BAF; -webkit-box-shadow:4px 4px  
4px 4px #4C9BAF; box-shadow:4px 4px 4px  
4px #4C9BAF }
```

Background

The CSS property to change the background color of an element to Hex 4C9BAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C9BAF }
```

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

```
.background{ background-color:#4C9BAF }
```

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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