

Converting Colors

Hex(4A78B9)

Have a look what the booklet for
Hex(4A78B9) contains.

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Color

Hex(4A78B9)

Conversions

Conversions Part 1

Format	Color
Hex	4A78B9
RGB	74, 120, 185
RGB Percent	29%, 47%, 73%
CMY	0.7098, 0.5294, 0.2745
CMYK	0.60, 0.35, 0.00, 0.27
HSL	215°, 44%, 51%
HSV	215°, 60%, 73%
XYZ	18.2975, 18.3916, 48.4845
YIQ	113.6560, -48.2810, 10.4630

Conversions

Conversions Part 2

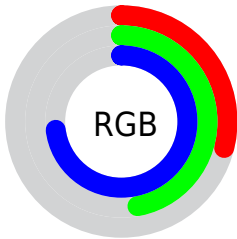
Format	Color
R _Y B	74, 107, 185
Decimal	4880569
CIE Lab	49.97, 4.36, -38.99
CIE LCh	50, 39.231, 276.383
Yxy	18.3916, 0.2148, 0.2159
Android (android.graphics.Color)	4283070649 (0xFF4A78B9)
YUV	113.6560, 35.1726, -34.7783
Hunter-Lab	42.8854, 1.1093, -37.0111

Details

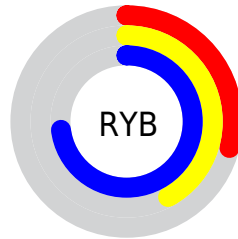
The Hex color **4A78B9** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B98B4A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **83ACF1**, and **004883** is the 20% darker color. If you saturate the color by 10%, you get **386DB9**, and if you desaturate by 10%, it is **5D83B9**.

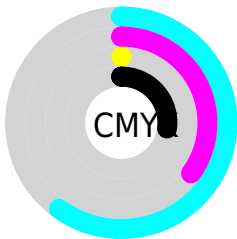
Distribution



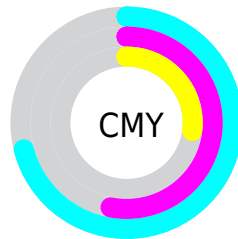
- Red (29%)
- Green (47%)
- Blue (73%)



- Red (29%)
- Yellow (42%)
- Blue (73%)



- Cyan (60%)
- Magenta (35%)
- Yellow (0%)
- Black (27%)



- Cyan (71%)
- Magenta (53%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A78B9 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 4A78B9 by changing the saturation by 10% instead.



4A78B9



4A78B9

FFFFFF



2A5F9E



83ACF1



004883



A0C7FF



00326A



BCE3FF



001E51



D9FFFF



00023A



F7FFFF



000223



00000B



000000



4A78B9



4A78B9

■ 386DB9

■ 5D83B9

■ 2562B9

■ 6F8EB9

■ 1258B9

■ 8299B9

■ 004DB9

■ 94A3B9

■ A7AEB9

■ B9B9B9

■ CCC4B9

■ DECFB9

■ F1DAB9

Harmonies

Analogous

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



0081B3



4A78B9



836BAD

Triad

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



4A78B9



B26051



31865B

Complementary

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



4A78B9



B98B4A

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.



60803F



4A78B9



A06C3A

Square

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



4A78B9



B55A71



847732



00887D

Rectangle

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



4A78B9



9C639C



847732



448451

Sweetspot

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



4A78B9



C5D6F0



4AB98B



5D6878



F7F7F7



787878

Same Dimension

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



4A78B9



438BF0



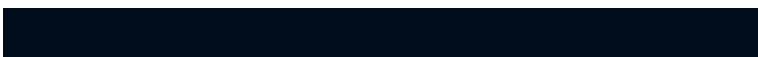
534AB9



53565C



00409C



000C1C

Inverse Universe

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



B94A78



F0438B



B0B94A



5C5356



9C0040



1C000C

Previews

White Background



This preview shows how the Hex color 4A78B9 looks on a white background.

Color Contrast Check

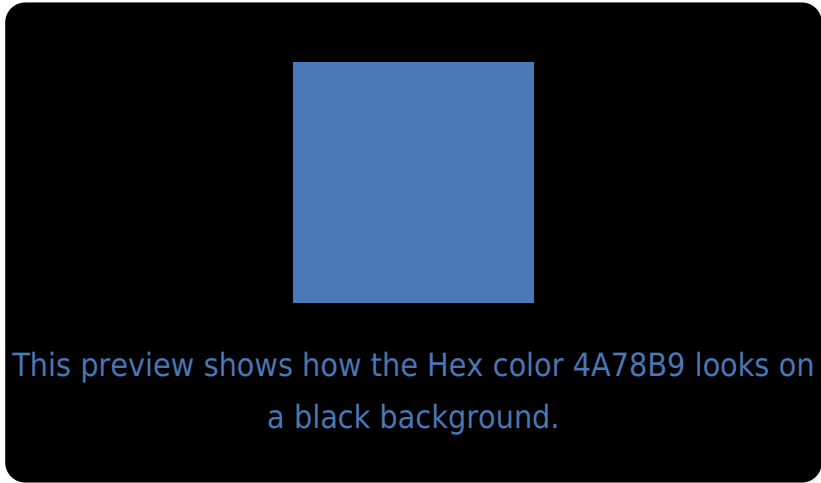
Large Text (above 18pt) WCAG AA ✓ Pass

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

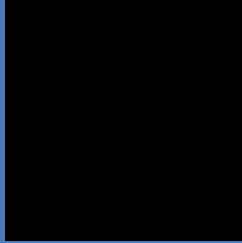
Any Text WCAG AA ✓ Pass

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 4A78B9 Background



This preview shows how black text looks on a background with the Hex color 4A78B9.

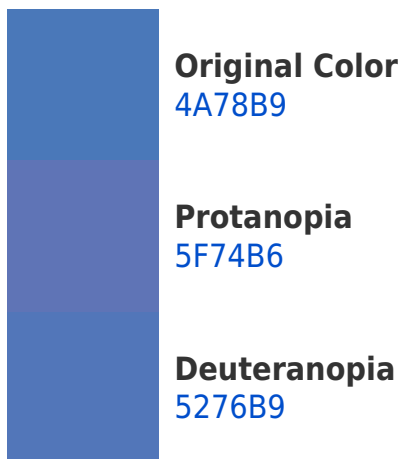



This preview shows how white text looks on a background with the Hex color 4A78B9.

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](#).

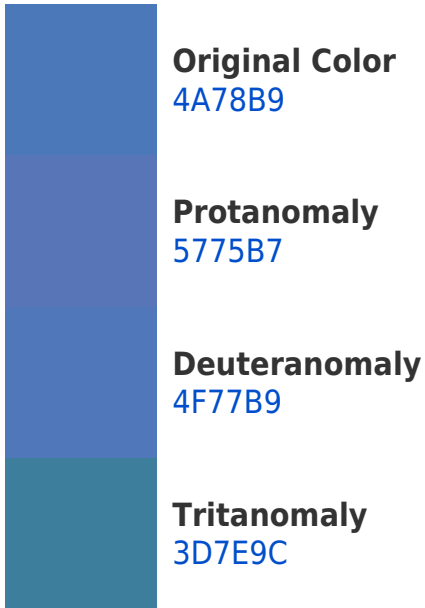
Dichromacy



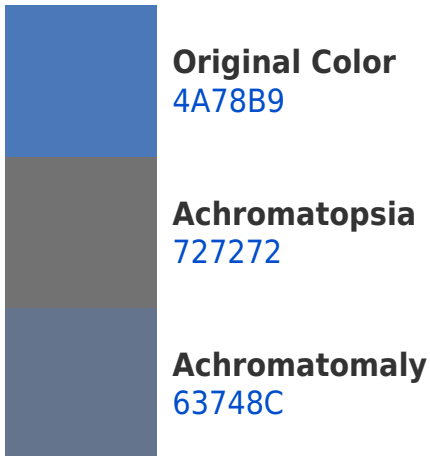


Tritanopia
36818C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A78B9 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 #4A78B9 looks like.

```
.text, #text, p{  
    color:#4A78B9  
}
```

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 #4A78B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A78B9
}
```

Border

The CSS property to change the border of an element to Hex 4A78B9 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
#4A78B9 }
```

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

```
.border{ border-color:#4A78B9 }
```

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

Here you see how a box with a 4 pixel #4A78B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A78B9; -webkit-box-shadow:4px 4px  
4px 4px #4A78B9; box-shadow:4px 4px 4px  
4px #4A78B9 }
```

Background

The CSS property to change the background color of an element to Hex 4A78B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A78B9 }
```

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

```
.background{ background-color:#4A78B9 }
```

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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