

Converting Colors

Hex(4A78B8)

Have a look what the booklet for
Hex(4A78B8) contains.

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Color

Hex(4A78B8)

Conversions

Conversions Part 1

Format	Color
Hex	4A78B8
RGB	74, 120, 184
RGB Percent	29%, 47%, 72%
CMY	0.7098, 0.5294, 0.2784
CMYK	0.60, 0.35, 0.00, 0.28
HSL	215°, 44%, 51%
HSV	215°, 60%, 72%
XYZ	18.1922, 18.3495, 47.9304
YIQ	113.5420, -47.9600, 10.1520

Conversions

Conversions Part 2

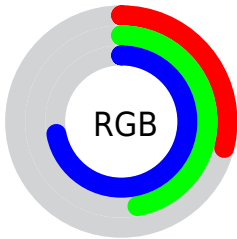
Format	Color
R_{YB}	74, 106, 184
Decimal	4880568
CIE _{Lab}	49.92, 4.02, -38.49
CIE _{LCh}	50, 38.701, 275.969
Yxy	18.3495, 0.2154, 0.2172
Android (android.graphics.Color)	4283070648 (0xFF4A78B8)
YUV	113.5420, 34.7358, -34.6783
Hunter-Lab	42.8363, 0.8440, -36.3553

Details

The Hex color **4A78B8** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B88A4A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **83ACF0**, and **004883** is the 20% darker color. If you saturate the color by 10%, you get **386DB8**, and if you desaturate by 10%, it is **5C83B8**.

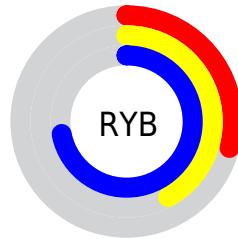
Distribution



Red (29%)

Green (47%)

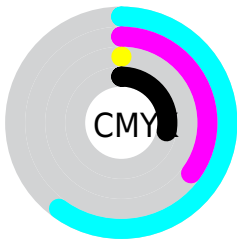
Blue (72%)



Red (29%)

Yellow (42%)

Blue (72%)

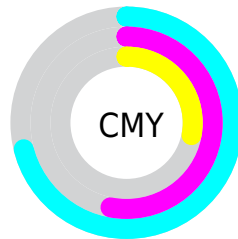


Cyan (60%)

Magenta (35%)

Yellow (0%)

Black (28%)



Cyan (71%)

Magenta (53%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A78B8 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 4A78B8 by changing the saturation by 10% instead.

■ 4A78B8

■ 4A78B8

FFFFFF

■ 2B5F9D

■ 83ACF0

■ 004883

■ 9FC7FF

■ 003269

■ BCE3FF

■ 001E50

■ D9FFFF

■ 000239

■ F7FFFF

■ 000223

■ 000009

■ 000000

■ 4A78B8

■ 4A78B8

■ 386DB8

■ 5C83B8

■ 2563B8

■ 6F8DB8

■ 1358B8

■ 8198B8

■ 004DB8

■ 94A3B8

■ A6AEB8

■ B8B8B8

■ CBC3B8

■ DDCEB8

■ F0D8B8

Harmonies

Analogous

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



0081B2



4A78B8



826CAC

Triad

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



4A78B8



B16052



33855B

Complementary

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



4A78B8



B88A4A

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.



61803F



4A78B8



A06B3B

Square

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



4A78B8



B45B71



847733



00877C

Rectangle

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



4A78B8



9B639C



847733



458451

Sweetspot

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



4A78B8



C5D7F0



4AB888



5D6978



F7F7F7



787878

Same Dimension

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



4A78B8



438BF0



514AB8



53565C



00419C



000C1C

Inverse Universe

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



B84A78



F0438B



B1B84A



5C5356



9C0041



1C000C

Previews

White Background



This preview shows how the Hex color 4A78B8 looks on a white background.

Color Contrast Check

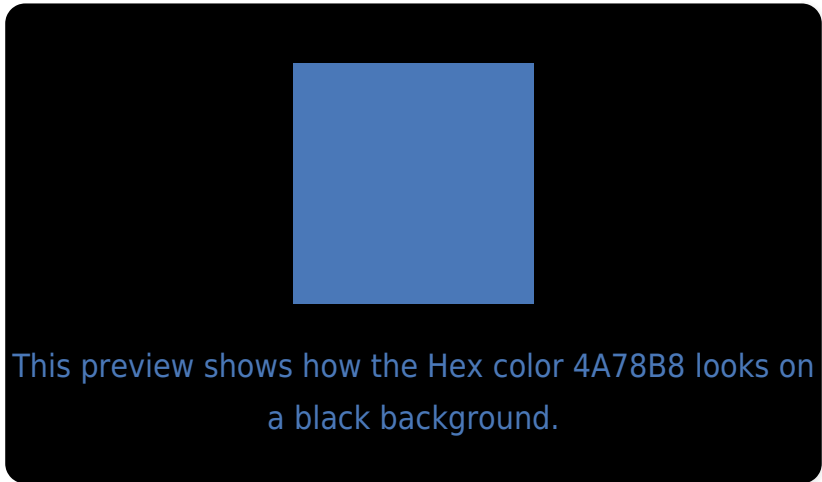
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

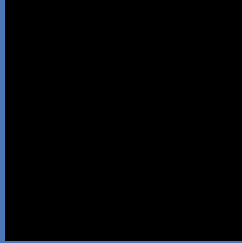
Any Text WCAG AA ✓ Pass

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 4A78B8 Background



This preview shows how black text looks on a background with the Hex color 4A78B8.

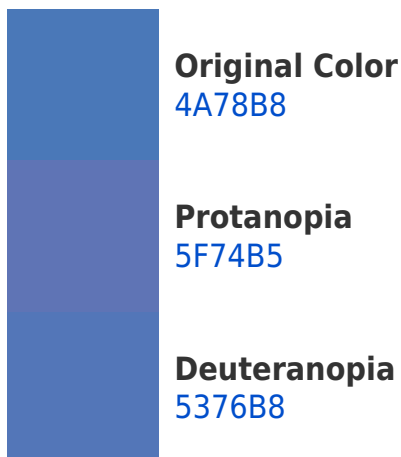


This preview shows how white text looks on a background with the Hex color 4A78B8.

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](#).

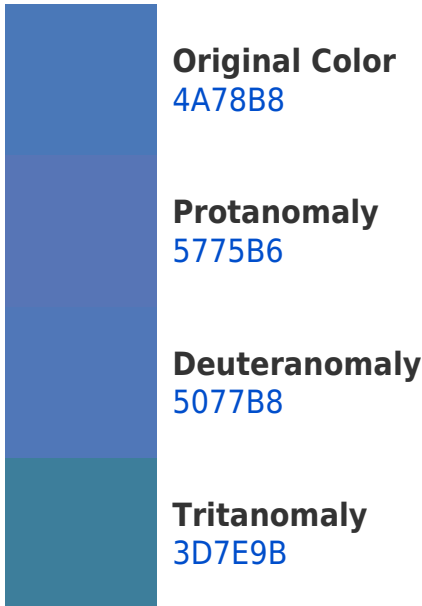
Dichromacy



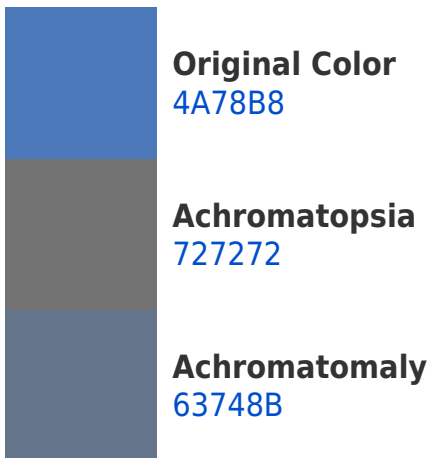


Tritanopia
36818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A78B8 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 #4A78B8 looks like.

```
.text, #text, p{  
    color:#4A78B8  
}
```

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 #4A78B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A78B8  
}
```

Border

The CSS property to change the border of an element to Hex 4A78B8 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  
#4A78B8 }
```

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

```
.border{ border-color:#4A78B8 }
```

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

Here you see how a box with a 4 pixel #4A78B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A78B8; -webkit-box-shadow:4px 4px  
4px 4px #4A78B8; box-shadow:4px 4px 4px  
4px #4A78B8 }
```

Background

The CSS property to change the background color of an element to Hex 4A78B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A78B8 }
```

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

```
.background{ background-color:#4A78B8 }
```

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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