

Converting Colors

Hex(4A78A4)

Have a look what the booklet for
Hex(4A78A4) contains.

Hex(4A78A4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4A78A4)

Conversions

Conversions Part 1

Format	Color
Hex	4A78A4
RGB	74, 120, 164
RGB Percent	29%, 47%, 64%
CMY	0.7098, 0.5294, 0.3569
CMYK	0.55, 0.27, 0.00, 0.36
HSL	209°, 38%, 47%
HSV	209°, 55%, 64%
XYZ	16.2414, 17.5691, 37.6571
YIQ	111.2620, -41.5400, 3.9320

Conversions

Conversions Part 2

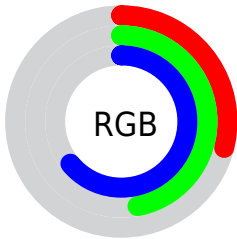
Format	Color
R_{YB}	74, 104, 164
Decimal	4880548
CIE _{Lab}	48.97, -2.58, -28.37
CIE _{LCh}	49, 28.488, 264.801
Yxy	17.5691, 0.2273, 0.2458
Android (android.graphics.Color)	4283070628 (0xFF4A78A4)
YUV	111.2620, 25.9998, -32.6788
Hunter-Lab	41.9155, -4.1874, -23.9256

Details

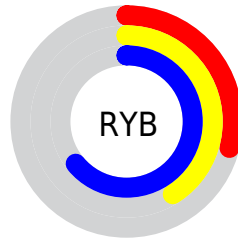
The Hex color **4A78A4** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A4764A**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **81ACDB**, and **074870** is the 20% darker color. If you saturate the color by 10%, you get **3A70A4**, and if you desaturate by 10%, it is **5A80A4**.

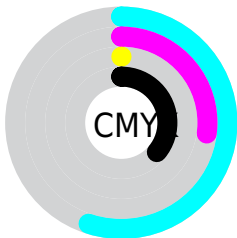
Distribution



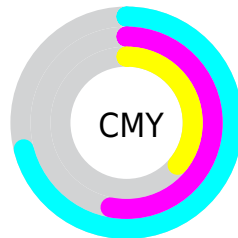
- Red (29%)
- Green (47%)
- Blue (64%)



- Red (29%)
- Yellow (41%)
- Blue (64%)



- Cyan (55%)
- Magenta (27%)
- Yellow (0%)
- Black (36%)



- Cyan (71%)
- Magenta (53%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A78A4 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 4A78A4 by changing the saturation by 10% instead.



4A78A4



4A78A4

FFFFFF



2E5F8A



81ACDB



074870



9CC7F8



003257



B8E3FF



001D40



D5FFFF



00032A



F2FFFF



000114



000000



4A78A4



4A78A4



3A70A4



5A80A4

■ 2968A4

■ 6B88A4

■ 1960A4

■ 7B90A4

■ 0858A4

■ 8C98A4

■ 0054A4

■ 9CA0A4

■ ACA8A4

■ BDB0A4

■ CDB8A4

■ DEC0A4

Harmonies

Analogous

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



1E7E9B



4A78A4



7170A0

Triad

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



4A78A4



A36361



547E58

Complementary

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



4A78A4



A4764A

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.



707948



4A78A4



9A694E

Square

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



4A78A4



A0627A



887144



34816F

Rectangle

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



4A78A4



866A97



887144



5D7D51

Sweetspot

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



4A78A4



B4C5D6



4AA476



57616B



EBEBEB



6B6B6B

Same Dimension

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



4A78A4



4991D6



4A4BA4



494E52



004A91



000912

Inverse Universe

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



A44A78



D64991



A4A34A



52494E



91004A



120009

Previews

White Background



This preview shows how the Hex color 4A78A4 looks on a white background.

Color Contrast Check

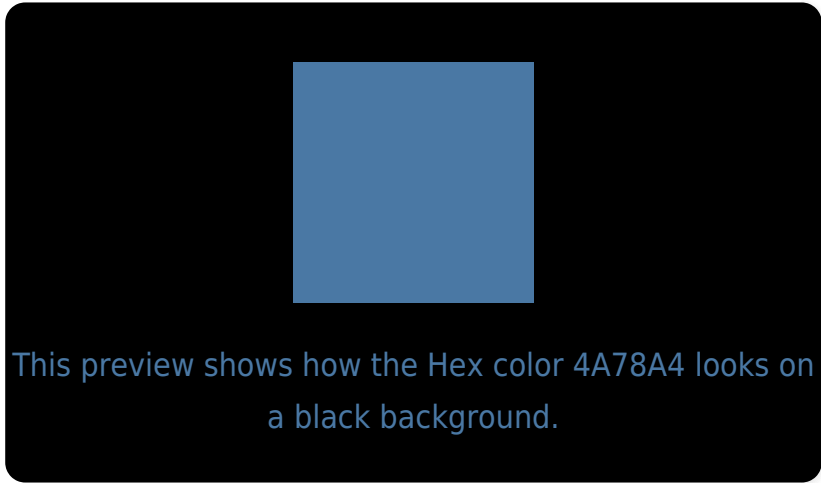
Large Text (above 18pt) WCAG AA ✓ Pass

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

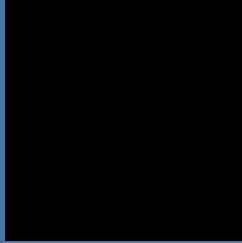
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

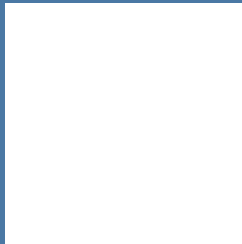
Any Text WCAG AAA × Fail

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

Hex 4A78A4 Background



This preview shows how black text looks on a background with the Hex color 4A78A4.

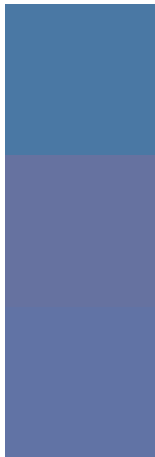


This preview shows how white text looks on a background with the Hex color 4A78A4.

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



Original Color
4A78A4

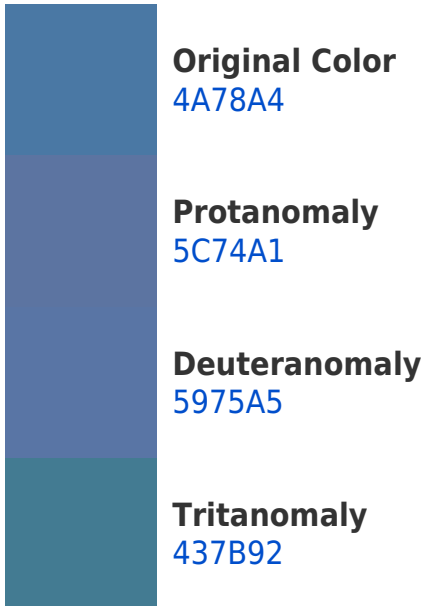
Protanopia
6672A0

Deuteranopia
6173A5



Tritanopia
3F7D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A78A4 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 #4A78A4 looks like.

```
.text, #text, p{  
    color:#4A78A4  
}
```

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 #4A78A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A78A4  
}
```

Border

The CSS property to change the border of an element to Hex 4A78A4 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  
#4A78A4 }
```

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

```
.border{ border-color:#4A78A4 }
```

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

Here you see how a box with a 4 pixel #4A78A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A78A4; -webkit-box-shadow:4px 4px  
4px 4px #4A78A4; box-shadow:4px 4px 4px  
4px #4A78A4 }
```

Background

The CSS property to change the background color of an element to Hex 4A78A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A78A4 }
```

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

```
.background{ background-color:#4A78A4 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor