

Converting Colors

Hex(4A78A5)

Have a look what the booklet for
Hex(4A78A5) contains.

Hex(4A78A5)	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(4A78A5)

Conversions

Conversions Part 1

Format	Color
Hex	4A78A5
RGB	74, 120, 165
RGB Percent	29%, 47%, 65%
CMY	0.7098, 0.5294, 0.3529
CMYK	0.55, 0.27, 0.00, 0.35
HSL	210°, 38%, 47%
HSV	210°, 55%, 65%
XYZ	16.3320, 17.6054, 38.1347
YIQ	111.3760, -41.8610, 4.2430

Conversions

Conversions Part 2

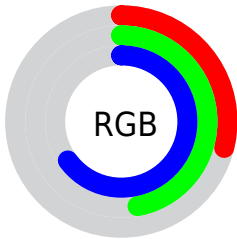
Format	Color
R _Y B	74, 105, 165
Decimal	4880549
CIE Lab	49.01, -2.26, -28.88
CIE LCh	49, 28.973, 265.529
Yxy	17.6054, 0.2266, 0.2443
Android (android.graphics.Color)	4283070629 (0xFF4A78A5)
YUV	111.3760, 26.4366, -32.7788
Hunter-Lab	41.9588, -3.9485, -24.5152

Details

The Hex color **4A78A5** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A5774A**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **81ACDC**, and **074871** is the 20% darker color. If you saturate the color by 10%, you get **3970A5**, and if you desaturate by 10%, it is **5B80A5**.

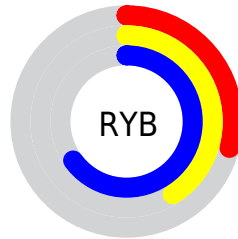
Distribution



Red (29%)

Green (47%)

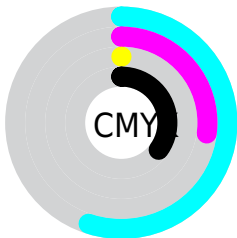
Blue (65%)



Red (29%)

Yellow (41%)

Blue (65%)

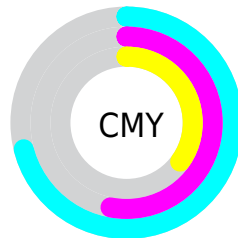


Cyan (55%)

Magenta (27%)

Yellow (0%)

Black (35%)



Cyan (71%)

Magenta (53%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A78A5 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 4A78A5 by changing the saturation by 10% instead.



4A78A5



4A78A5

FFFFFF



2D5F8B



81ACDC



074871



9CC7F9



003258



B9E3FF



001D41



D5FFFF



00032A



F2FFFF



000115



000000



4A78A5



4A78A5



3970A5



5B80A5

■ 2968A5

■ 6B88A5

■ 1860A5

■ 7B90A5

■ 0857A5

■ 8C99A5

■ 0053A5

■ 9CA1A5

■ ADA9A5

■ BDB1A5

■ CEB9A5

■ DFC1A5

Harmonies

Analogous

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



1B7E9C



4A78A5



726FA1

Triad

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



4A78A5



A46361



527F58

Complementary

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



4A78A5



A5774A

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.



6F7947



4A78A5



9B694D

Square

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



4A78A5



A16279



887243



318170

Rectangle

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



4A78A5



876997



887243



5C7D51

Sweetspot

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



4A78A5



B2C4D6



4AA576



56616B



EBEBEB



6B6B6B

Same Dimension

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



4A78A5



4990D6



4A4CA5



494E52



004991



000912

Inverse Universe

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



A54A78



D64990



A5A34A



52494E



910049



120009

Previews

White Background



This preview shows how the Hex color 4A78A5 looks on a white background.

Color Contrast Check

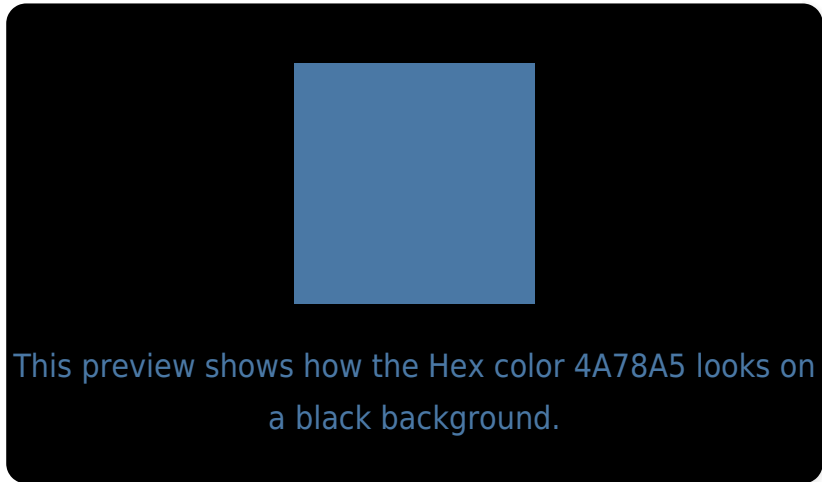
Large Text (above 18pt) WCAG AA ✓ Pass

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

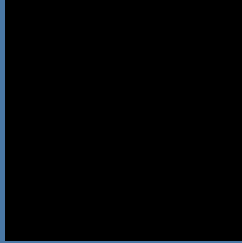
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

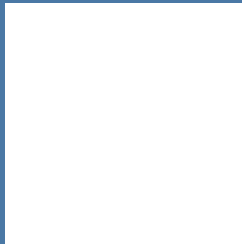
Any Text WCAG AAA × Fail

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

Hex 4A78A5 Background



This preview shows how black text looks on a background with the Hex color 4A78A5.

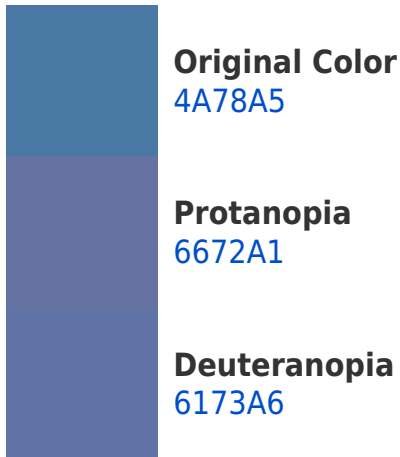


This preview shows how white text looks on a background with the Hex color 4A78A5.

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](#).

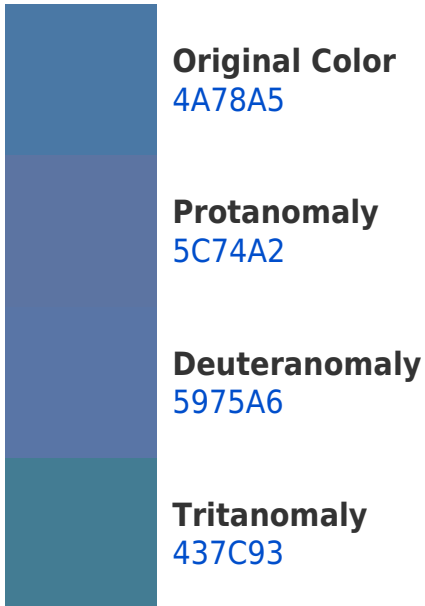
Dichromacy



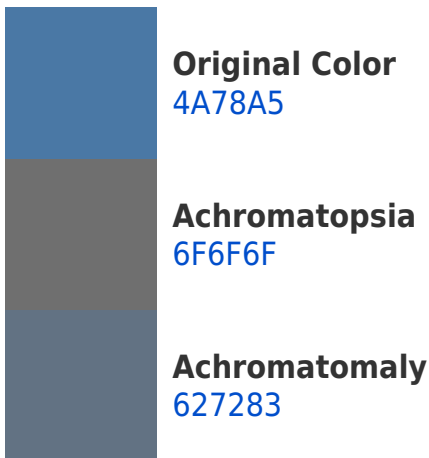


Tritanopia
3F7E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A78A5 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 #4A78A5 looks like.

```
.text, #text, p{  
    color:#4A78A5  
}
```

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 #4A78A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A78A5
}
```

Border

The CSS property to change the border of an element to Hex 4A78A5 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
#4A78A5 }
```

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

```
.border{ border-color:#4A78A5 }
```

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

Here you see how a box with a 4 pixel #4A78A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A78A5; -webkit-box-shadow:4px 4px  
4px 4px #4A78A5; box-shadow:4px 4px 4px  
4px #4A78A5 }
```

Background

The CSS property to change the background color of an element to Hex 4A78A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A78A5 }
```

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

```
.background{ background-color:#4A78A5 }
```

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