

Converting Colors

Hex(4B78A2)

Have a look what the booklet for
Hex(4B78A2) contains.

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Color

Hex(4B78A2)

Conversions

Conversions Part 1

Format	Color
Hex	4B78A2
RGB	75, 120, 162
RGB Percent	29%, 47%, 64%
CMY	0.7059, 0.5294, 0.3647
CMYK	0.54, 0.26, 0.00, 0.36
HSL	209°, 37%, 46%
HSV	209°, 54%, 64%
XYZ	16.1397, 17.5374, 36.7168
YIQ	111.3330, -40.3020, 3.5220

Conversions

Conversions Part 2

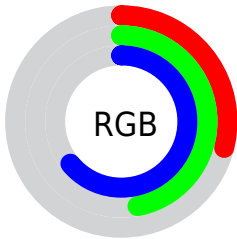
Format	Color
R_{YB}	75, 105, 162
Decimal	4946082
CIE _{Lab}	48.93, -2.99, -27.26
CIE _{LCh}	49, 27.423, 263.734
Yxy	17.5374, 0.2293, 0.2491
Android (android.graphics.Color)	4283136162 (0xFF4B78A2)
YUV	111.3330, 24.9788, -31.8640
Hunter-Lab	41.8777, -4.4920, -22.6689

Details

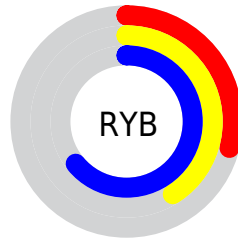
The Hex color **4B78A2** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A2754B**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **81ACD9**, and **0C486E** is the 20% darker color. If you saturate the color by 10%, you get **3B70A2**, and if you desaturate by 10%, it is **5B80A2**.

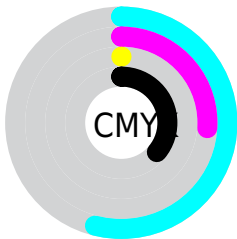
Distribution



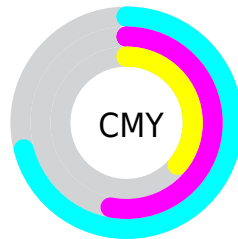
- Red (29%)
- Green (47%)
- Blue (64%)



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



- Cyan (54%)
- Magenta (26%)
- Yellow (0%)
- Black (36%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 4B78A2 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 4B78A2 by changing the saturation by 10% instead.

■ 4B78A2

■ 4B78A2

FFFFFF

■ 2F5F88

■ 81ACD9

■ 0C486E

■ 9DC7F6

■ 003256

■ B9E3FF

■ 001D3E

■ D6FFFF

■ 000328

■ F3FFFF

■ 000112

■ 000000

■ 4B78A2

■ 4B78A2

■ 3B70A2

■ 5B80A2

■ 2B68A2

■ 6B88A2

■ 1A61A2

■ 7C8FA2

■ 0A59A2

■ 8C97A2

■ 0054A2

■ 9C9FA2

■ ACA7A2

■ BCAFA2

■ CDB7A2

■ DDBEA2

Harmonies

Analogous

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



257E99



4B78A2



70709F

Triad

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



4B78A2



A26363



567E58

Complementary

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



4B78A2



A2754B

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.



717949



4B78A2



9A6950

Square

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



4B78A2



9E637A



887146



38806E

Rectangle

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



4B78A2



856A96



887146



5F7C52

Sweetspot

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



4B78A2



B2C3D4



4BA274



57616B



EBEBEB



6B6B6B

Same Dimension

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



4B78A2



4C92D4



4B4EA2



494E52



004B91



000912

Inverse Universe

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



A24B78



D44C92



A29F4B



52494E



91004B



120009

Previews

White Background



This preview shows how the Hex color 4B78A2 looks on a white background.

Color Contrast Check

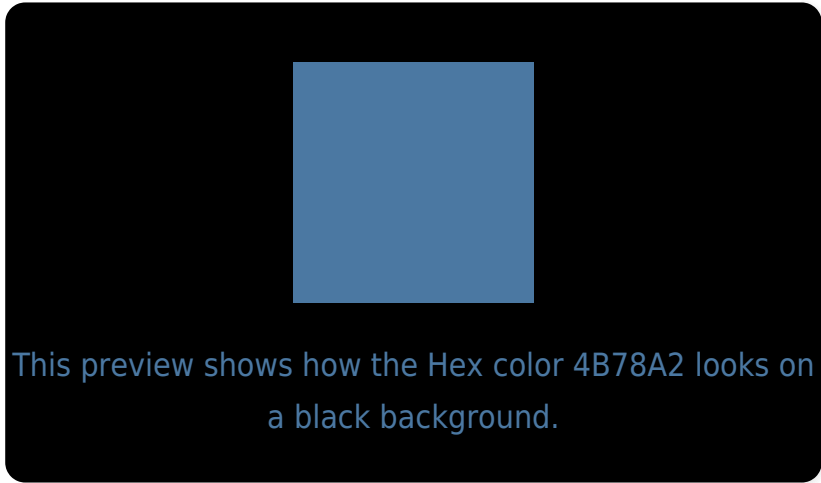
Large Text (above 18pt) WCAG AA ✓ Pass

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

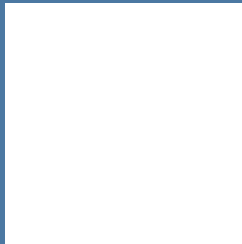
Any Text WCAG AAA × Fail

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

Hex 4B78A2 Background



This preview shows how black text looks on a background with the Hex color 4B78A2.

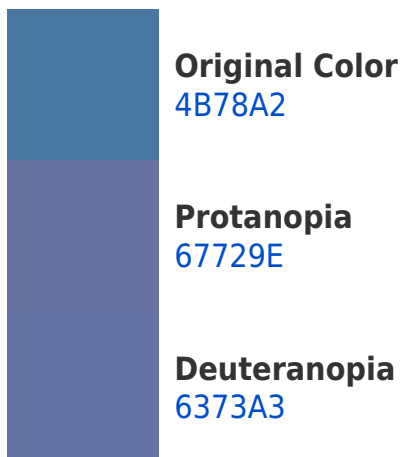



This preview shows how white text looks on a background with the Hex color 4B78A2.

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](#).

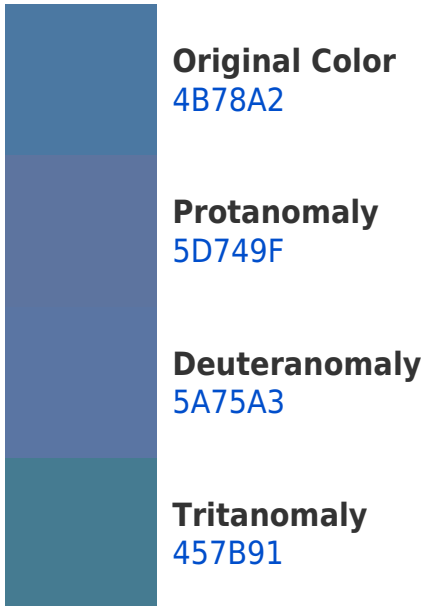
Dichromacy



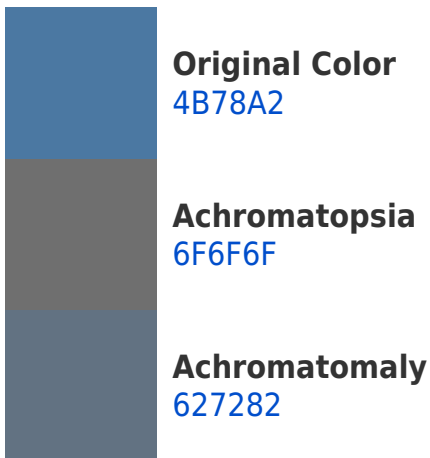


Tritanopia
417D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B78A2 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 #4B78A2 looks like.

```
.text, #text, p{  
    color:#4B78A2  
}
```

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 #4B78A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B78A2
}
```

Border

The CSS property to change the border of an element to Hex 4B78A2 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
#4B78A2 }
```

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

```
.border{ border-color:#4B78A2 }
```

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

Here you see how a box with a 4 pixel #4B78A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B78A2; -webkit-box-shadow:4px 4px  
4px 4px #4B78A2; box-shadow:4px 4px 4px  
4px #4B78A2 }
```

Background

The CSS property to change the background color of an element to Hex 4B78A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B78A2 }
```

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

```
.background{ background-color:#4B78A2 }
```

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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