

Converting Colors

Hex(0478AD)

Have a look what the booklet for
Hex(0478AD) contains.

Hex(0478AD)	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(0478AD)

Conversions

Conversions Part 1

Format	Color
Hex	0478AD
RGB	4, 120, 173
RGB Percent	2%, 47%, 68%
CMY	0.9843, 0.5294, 0.3216
CMYK	0.98, 0.31, 0.00, 0.32
HSL	199°, 95%, 35%
HSV	199°, 98%, 68%
XYZ	14.3094, 16.4759, 41.9611
YIQ	91.3580, -86.1490, -8.1090

Conversions

Conversions Part 2

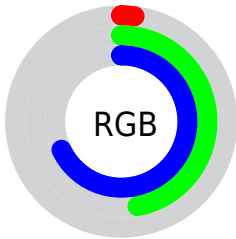
Format	Color
RYB	4, 73, 173
Decimal	293037
CIELab	47.59, -8.12, -35.90
CIELCh	48, 36.807, 257.259
Yxy	16.4759, 0.1967, 0.2265
Android (android.graphics.Color)	4278483117 (0xFF0478AD)
YUV	91.3580, 40.2495, -76.6130
Hunter-Lab	40.5905, -8.1068, -32.8787

Details

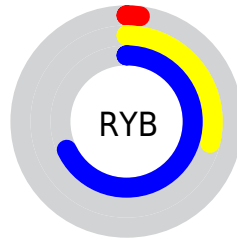
The Hex color **0478AD** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **AD3904**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **5BACE5**, and **004878** is the 20% darker color. If you saturate the color by 10%, you get **0077AD**, and if you desaturate by 10%, it is **157DAD**.

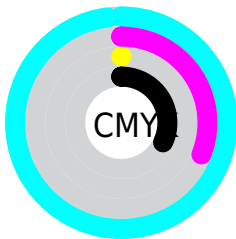
Distribution



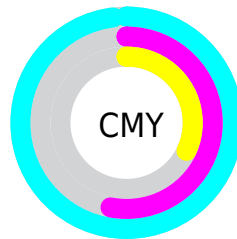
- Red (2%)
- Green (47%)
- Blue (68%)



- Red (2%)
- Yellow (29%)
- Blue (68%)



- Cyan (98%)
- Magenta (31%)
- Yellow (0%)
- Black (32%)



- Cyan (98%)
- Magenta (53%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0478AD 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 0478AD by changing the saturation by 10% instead.

0478AD

0478AD

FFFFFF

005F92

5BACE5

004878

7AC7FF

00325F

97E3FF

001D47

B5FFFF

000430

D3FFFF

00011B

F1FFFF

000000

0478AD

0478AD

0077AD

157DAD

■ 2783AD

■ 3888AD

■ 498EAD

■ 5A93AD

■ 6C99AD

■ 7D9EAD

■ 8EA3AD

■ A0A9AD

Harmonies

Analogous

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



007E9E



0478AD



5E6EAC

Triad

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



0478AD



AC5860



4F7C45

Complementary

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



0478AD



AD3904

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.



727533



0478AD



A35F45

Square

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



0478AD



A4597F



8F6B33



178062

Rectangle

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



0478AD



7D66A2



8F6B33



5B7A3E

Sweetspot

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



0478AD



9FCCE0



04AD37



496470



F0F0F0



707070

Same Dimension

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



0478AD



009AE0



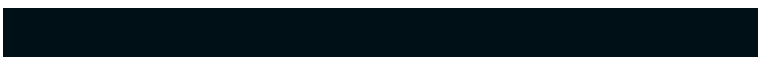
0426AD



4E5457



006796



001017

Inverse Universe

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



AD0478



E0009A



AD8B04



574E54



960067



170010

Previews

White Background



This preview shows how the Hex color 0478AD looks on a white background.

Color Contrast Check

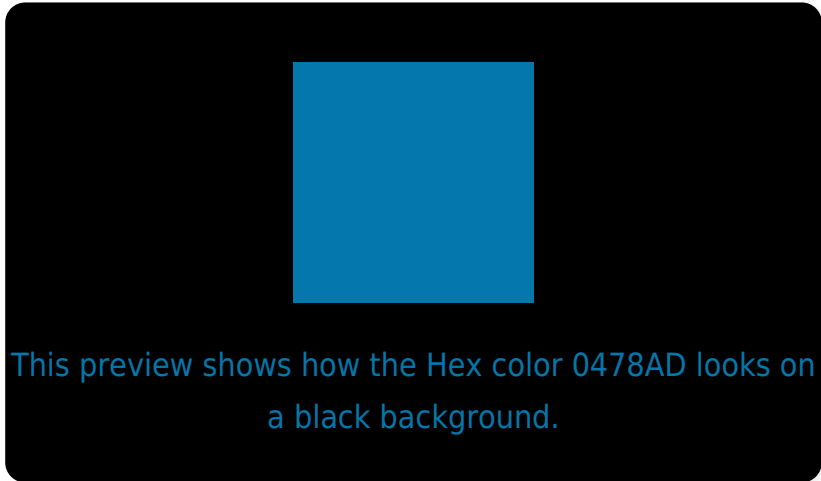
Large Text (above 18pt) WCAG AA ✓ Pass

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

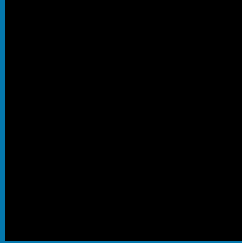
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 0478AD Background



This preview shows how black text looks on a background with the Hex color 0478AD.

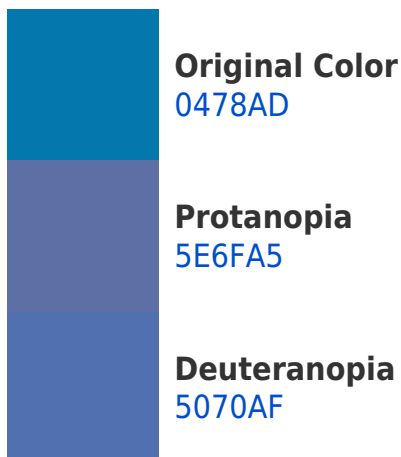


This preview shows how white text looks on a background with the Hex color 0478AD.

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](#).

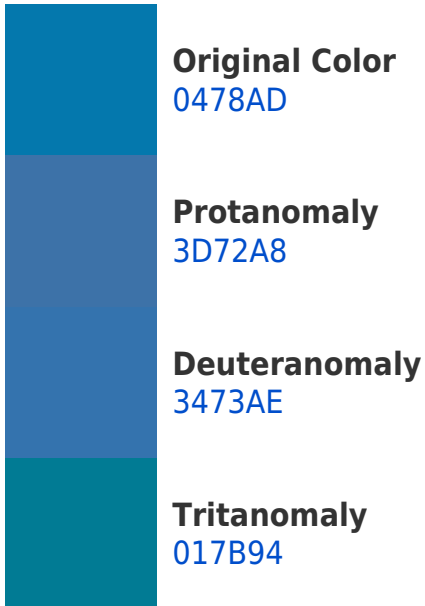
Dichromacy



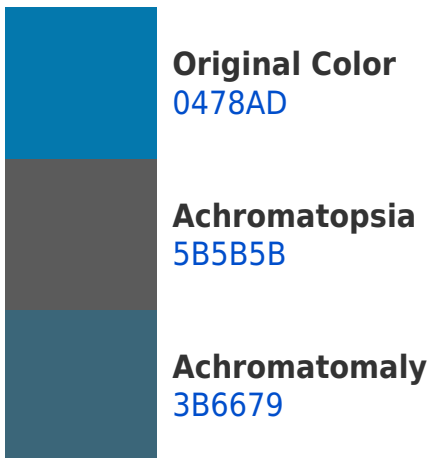


Tritanopia
007D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0478AD 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 #0478AD looks like.

```
.text, #text, p{  
    color:#0478AD  
}
```

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 #0478AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0478AD
}
```

Border

The CSS property to change the border of an element to Hex 0478AD 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
#0478AD }
```

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

```
.border{ border-color:#0478AD }
```

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

Here you see how a box with a 4 pixel #0478AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0478AD; -webkit-box-shadow:4px 4px  
4px 4px #0478AD; box-shadow:4px 4px 4px  
4px #0478AD }
```

Background

The CSS property to change the background color of an element to Hex 0478AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0478AD }
```

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

```
.background{ background-color:#0478AD }
```

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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