

# Converting Colors

Hex(478D8F)

Have a look what the booklet for  
Hex(478D8F) contains.

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# Color

Hex(478D8F)

# Conversions

## Conversions Part 1

Format	Color
Hex	478D8F
RGB	71, 141, 143
RGB Percent	28%, 55%, 56%
CMY	0.7216, 0.4471, 0.4392
CMYK	0.50, 0.01, 0.00, 0.44
HSL	182°, 34%, 42%
HSV	182°, 50%, 56%
XYZ	17.0813, 22.3725, 29.4046
YIQ	120.2980, -42.3620, -14.2180

# Conversions

## Conversions Part 2

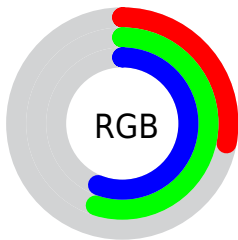
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 106, 143
Decimal	4689295
CIELab	54.42, -21.37, -7.86
CIELCh	54, 22.773, 200.194
Yxy	22.3725, 0.2481, 0.3249
Android (android.graphics.Color)	4282879375 (0xFF478D8F)
YUV	120.2980, 11.1921, -43.2343
Hunter-Lab	47.2996, -18.3125, -3.7490

# Details

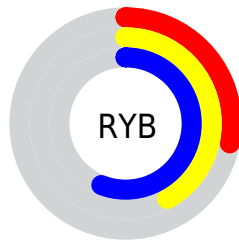
The Hex color **478D8F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8F4947**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **7DC3C5**, and **055A5D** is the 20% darker color. If you saturate the color by 10%, you get **398D8F**, and if you desaturate by 10%, it is **558D8F**.

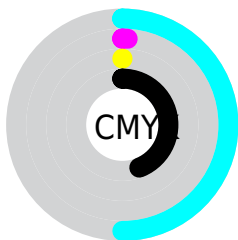
# Distribution



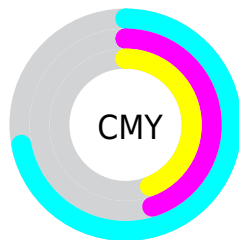
- Red (28%)
- Green (55%)
- Blue (56%)



- Red (28%)
- Yellow (42%)
- Blue (56%)



- Cyan (50%)
- Magenta (1%)
- Yellow (0%)
- Black (44%)



- Cyan (72%)
- Magenta (45%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 478D8F 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 478D8F by changing the saturation by 10% instead.



 478D8F

 478D8F

FFFFFF

 2B7375

 7DC3C5

 055A5D

 99DFE1

 004345

 B5FCFD

 002C2F

 D1FFFF

 00191A

 EEEFFF

 000000

 478D8F

 478D8F

 398D8F

 558D8F

 2A8C8F

 648E8F

■ 1C8C8F

■ 728E8F

■ 0E8B8F

■ 808F8F

■ 008B8F

■ 8F8F8F

■ 9D8F8F

■ AB908F

■ B9908F

■ C8918F

# Harmonies

## Analogous

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



568D7B



478D8F



4A8BA0

# Triad

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



478D8F



95799C



967F5C

# Complementary

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



478D8F



8F4947

# 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.



A47865



478D8F



A57489

# Square

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



478D8F



7C7FA7



AA7476



82855D

# Rectangle

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



478D8F



5788A7



AA7476



9C7C5E



# Sweetspot

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



478D8F



9EB9BA



478F48



4D5E5E



DEDEDE



5E5E5E



# Same Dimension

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



478D8F



4AB7BA



476A8F



404747



008387



000708



# Inverse Universe

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



8F478D



BA4AB7



8F6C47



474047



870083

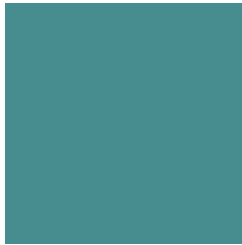


080007



# Previews

## White Background



This preview shows how the Hex color 478D8F looks on a white background.

## Color Contrast Check

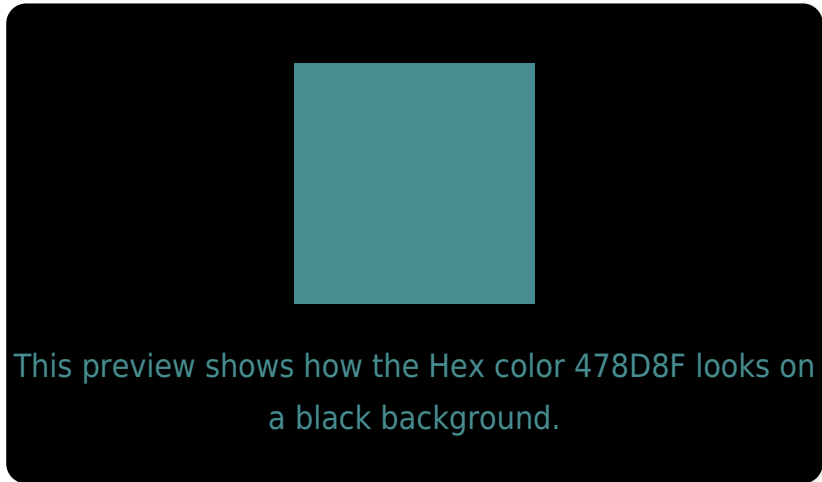
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

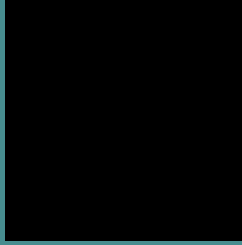
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 478D8F Background



This preview shows how black text looks on a background with the Hex color 478D8F.

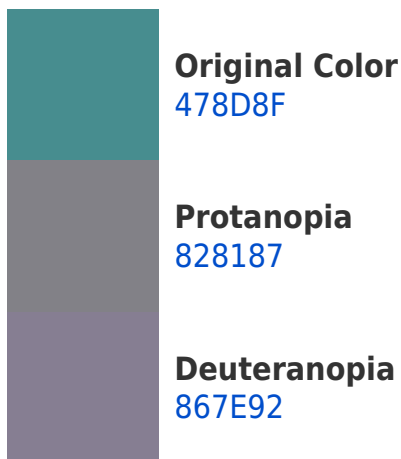


This preview shows how white text looks on a background with the Hex color 478D8F.

# 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



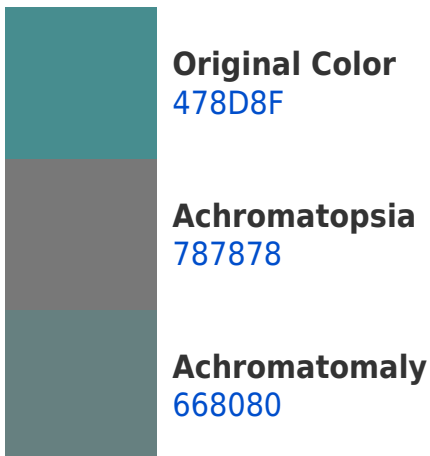


**Tritanopia**  
4A8C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 478D8F 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 #478D8F looks like.

```
.text, #text, p{  
    color:#478D8F  
}
```

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 #478D8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #478D8F
}
```

## Border

The CSS property to change the border of an element to Hex 478D8F 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
#478D8F }
```

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

```
.border{ border-color:#478D8F }
```

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

Here you see how a box with a 4 pixel #478D8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #478D8F; -webkit-box-shadow:4px 4px  
4px 4px #478D8F; box-shadow:4px 4px 4px  
4px #478D8F }
```

# Background

The CSS property to change the background color of an element to Hex 478D8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#478D8F }
```

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

```
.background{ background-color:#478D8F }
```

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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