

# Converting Colors

Hex(478E8D)

Have a look what the booklet for  
Hex(478E8D) contains.

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**Color**

**Hex(478E8D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	478E8D
RGB	71, 142, 141
RGB Percent	28%, 56%, 55%
CMY	0.7216, 0.4431, 0.4471
CMYK	0.50, 0.00, 0.01, 0.44
HSL	179°, 33%, 42%
HSV	179°, 50%, 56%
XYZ	17.0793, 22.6087, 28.6630
YIQ	120.6570, -41.9950, -15.3630

# Conversions

## Conversions Part 2

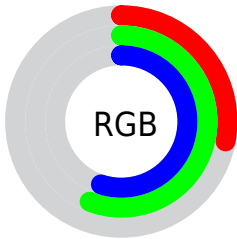
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 107, 142
Decimal	4689549
CIE <sub>Lab</sub>	54.67, -22.45, -6.34
CIE <sub>LCh</sub>	55, 23.327, 195.770
Yxy	22.6087, 0.2499, 0.3308
Android (android.graphics.Color)	4282879629 (0xFF478E8D)
YUV	120.6570, 10.0291, -43.5492
Hunter-Lab	47.5486, -19.0936, -2.4569




# Details

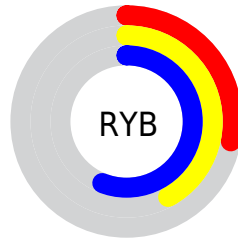
The Hex color **478E8D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8E4748**, and the grayscale version is **797979**.




A 20% lighter version of the original color is **7DC4C3**, and **055B5B** is the 20% darker color. If you saturate the color by 10%, you get **398E8D**, and if you desaturate by 10%, it is **558E8D**.

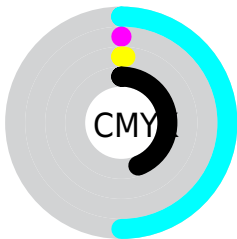
# Distribution







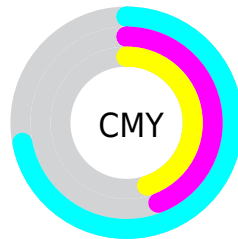
-  Red (28%)
-  Green (56%)
-  Blue (55%)






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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 478E8D 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 478E8D by changing the saturation by 10% instead.



 478E8D

 478E8D

FFFFFF

 2B7473

 7DC4C3

 055B5B

 99E0DE

 004444

 B5FDFB

 002D2D

 D1FFFF

 001A19

 EEEFFF

 000000

 478E8D

 478E8D

 398E8D

 558E8D

 2B8E8D

 638E8D

■ 1C8E8C

■ 728E8E

■ 0E8E8C

■ 808E8E

■ 008E8C

■ 8E8E8E

■ 9C8E8E

■ AA8E8E

■ B98E8F

■ C78E8F

# Harmonies

## Analogous

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



598D78



478E8D



478C9F

# Triad

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



478E8D



937A9F



9A7E5C

# Complementary

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



478E8D



8E4748

# 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.



A77867



478E8D



A5758D

# Square

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



478E8D



7881A9



AB7479



86855C

# Rectangle

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



478E8D



5389A7



AB7479



9F7C5F



# Sweetspot

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



478E8D



9CB8B7



488E47



4B5C5C



DBDBDB



5C5C5C



# Same Dimension

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



478E8D



49B8B6



476C8E



404747



008785



000808



# Inverse Universe

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



8E4748



B8494B



8E6947



474040



870002

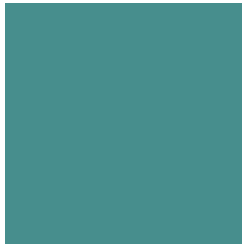


080000



# Previews

## White Background



This preview shows how the Hex color 478E8D looks on a white background.

## Color Contrast Check

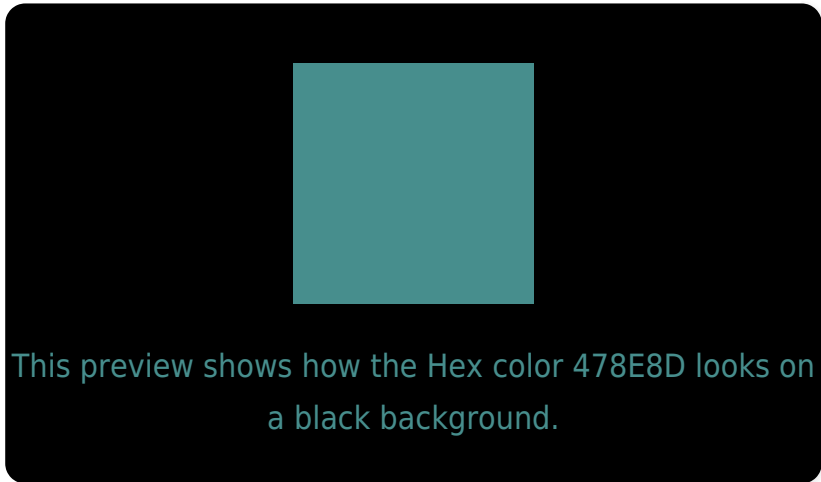
Large Text (above 18pt) WCAG AA ✓ Pass

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

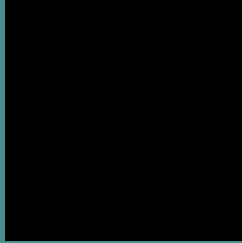
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 478E8D Background



This preview shows how black text looks on a background with the Hex color 478E8D.

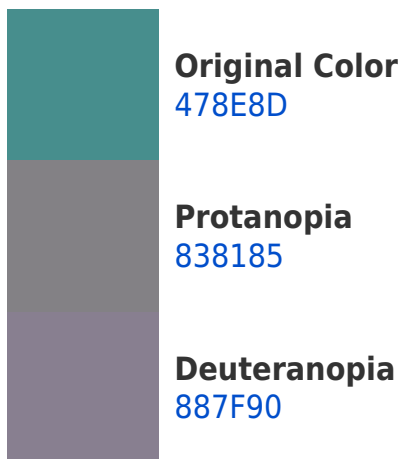


This preview shows how white text looks on a background with the Hex color 478E8D.

# 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



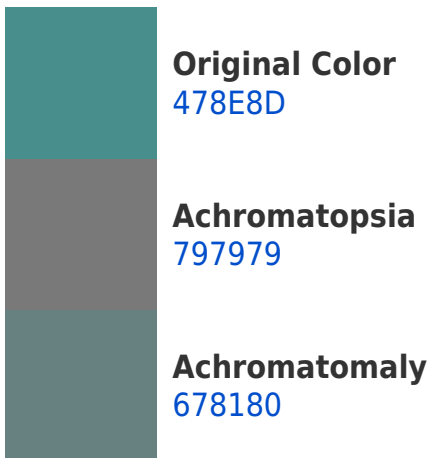


**Tritanopia**  
4B8C98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 478E8D 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 #478E8D looks like.

```
.text, #text, p{  
    color:#478E8D  
}
```

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 #478E8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #478E8D
}
```

## Border

The CSS property to change the border of an element to Hex 478E8D 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
#478E8D }
```

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

```
.border{ border-color:#478E8D }
```

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

Here you see how a box with a 4 pixel #478E8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #478E8D; -webkit-box-shadow:4px 4px  
4px 4px #478E8D; box-shadow:4px 4px 4px  
4px #478E8D }
```

# Background

The CSS property to change the background color of an element to Hex 478E8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#478E8D }
```

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

```
.background{ background-color:#478E8D }
```

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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