

# Converting Colors

Hex(488A8F)

Have a look what the booklet for  
Hex(488A8F) contains.

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# Color

Hex(488A8F)

# Conversions

## Conversions Part 1

Format	Color
Hex	488A8F
RGB	72, 138, 143
RGB Percent	28%, 54%, 56%
CMY	0.7176, 0.4588, 0.4392
CMYK	0.50, 0.03, 0.00, 0.44
HSL	184°, 33%, 42%
HSV	184°, 50%, 56%
XYZ	16.7189, 21.5378, 29.2626
YIQ	118.8360, -40.9410, -12.4370

# Conversions

## Conversions Part 2

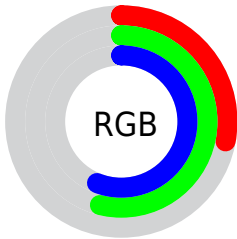
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 106, 143
Decimal	4754063
CIE <sub>Lab</sub>	53.53, -19.56, -9.18
CIE <sub>LCh</sub>	54, 21.608, 205.146
Yxy	21.5378, 0.2476, 0.3190
Android (android.graphics.Color)	4282944143 (0xFF488A8F)
YUV	118.8360, 11.9129, -41.0752
Hunter-Lab	46.4089, -16.9106, -4.8985

# Details

The Hex color **488A8F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8F4D48**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **7EC0C5**, and **09585D** is the 20% darker color. If you saturate the color by 10%, you get **3A898F**, and if you desaturate by 10%, it is **568B8F**.

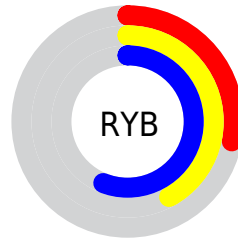
# Distribution



Red (28%)

Green (54%)

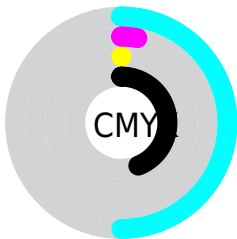
Blue (56%)



Red (28%)

Yellow (42%)

Blue (56%)

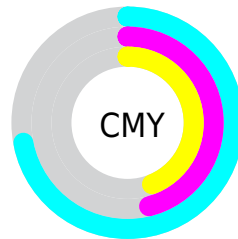


Cyan (50%)

Magenta (3%)

Yellow (0%)

Black (44%)



Cyan (72%)

Magenta (46%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 488A8F 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 488A8F by changing the saturation by 10% instead.



 488A8F

 488A8F

FFFFFF

 2C7075

 7EC0C5

 09585D

 99DCE1

 004045

 B5F8FD

 002A2F

 D2FFFF

 00161A

 EFFFFFF

 000000

 488A8F

 488A8F

 3A898F

 568B8F

 2B888F

 658C8F

■ 1D878F

■ 738D8F

■ 0F868F

■ 818E8F

■ 00858F

■ 908F8F

■ 9E908F

■ AC918F

■ BA928F

■ C9938F

# Harmonies

## Analogous

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



548A7C



488A8F



4E879E

# Triad

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



488A8F



957695



907E5B

# Complementary

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



488A8F



8F4D48

# 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.



9F7762



488A8F



A27384

# Square

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



488A8F



7F7CA1



A57371



7D845E

# Rectangle

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



488A8F



5C84A3



A57371



967C5C



# Sweetspot

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



488A8F



9EB8BA



488F4D



4D5D5E



DEDEDE



5E5E5E



# Same Dimension

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



488A8F



4AB2BA



48678F



404747



007E87



000708



# Inverse Universe

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



8F488A



BA4AB2



8F7048



474047



87007E

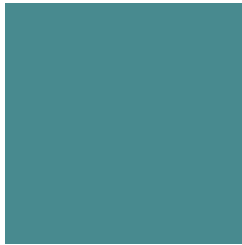


080007



# Previews

## White Background



This preview shows how the Hex color 488A8F looks on a white background.

## Color Contrast Check

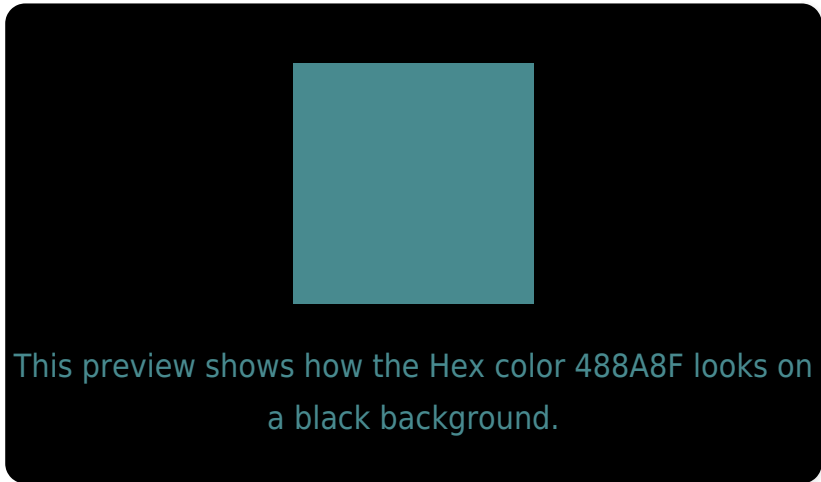
Large Text (above 18pt) WCAG AA ✓ Pass

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

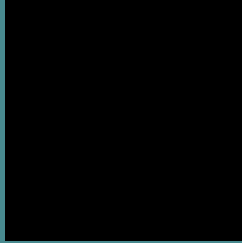
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 488A8F Background



This preview shows how black text looks on a background with the Hex color 488A8F.



This preview shows how white text looks on a background with the Hex color 488A8F.

# 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



**Original Color**  
488A8F

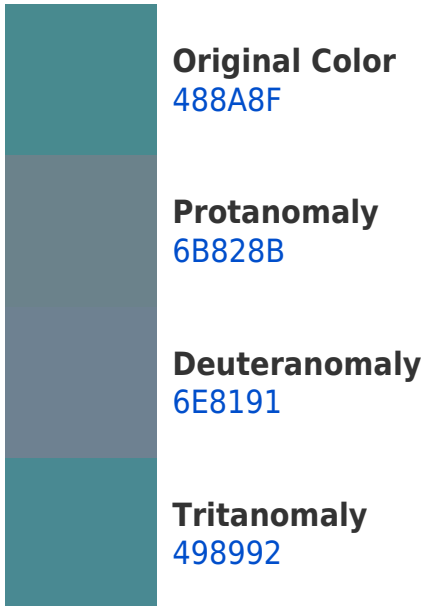
**Protanopia**  
7F7E88

**Deuteranopia**  
837C92

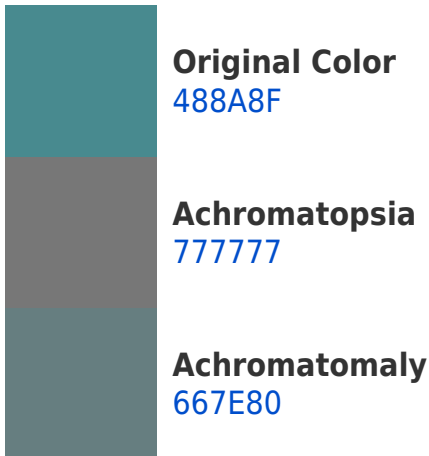


**Tritanopia**  
4A8994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 488A8F 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 #488A8F looks like.

```
.text, #text, p{  
    color:#488A8F  
}
```

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 #488A8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #488A8F
}
```

## Border

The CSS property to change the border of an element to Hex 488A8F 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
#488A8F }
```

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

```
.border{ border-color:#488A8F }
```

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

Here you see how a box with a 4 pixel #488A8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #488A8F; -webkit-box-shadow:4px 4px  
4px 4px #488A8F; box-shadow:4px 4px 4px  
4px #488A8F }
```

# Background

The CSS property to change the background color of an element to Hex 488A8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#488A8F }
```

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

```
.background{ background-color:#488A8F }
```

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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