

# Converting Colors

Hex(488F7C)

Have a look what the booklet for  
Hex(488F7C) contains.

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# Color

Hex(488F7C)

# Conversions

## Conversions Part 1

Format	Color
Hex	488F7C
RGB	72, 143, 124
RGB Percent	28%, 56%, 49%
CMY	0.7176, 0.4392, 0.5137
CMYK	0.50, 0.00, 0.13, 0.44
HSL	164°, 33%, 42%
HSV	164°, 50%, 56%
XYZ	16.1330, 22.4779, 22.5571
YIQ	119.6050, -36.2170, -20.9610

# Conversions

## Conversions Part 2

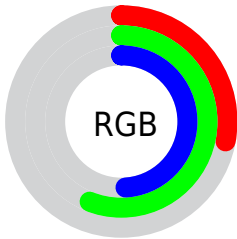
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 113, 143
Decimal	4755324
CIELab	54.53, -27.17, 3.26
CIElCh	55, 27.365, 173.153
Yxy	22.4779, 0.2637, 0.3675
Android (android.graphics.Color)	4282945404 (0xFF488F7C)
YUV	119.6050, 2.1667, -41.7496
Hunter-Lab	47.4108, -22.2287, 4.9786

# Details

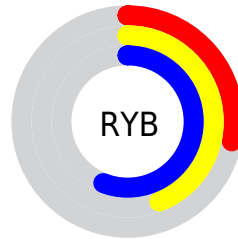
The Hex color **488F7C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8F485B**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **7DC5B0**, and **0C5C4B** is the 20% darker color. If you saturate the color by 10%, you get **3A8F78**, and if you desaturate by 10%, it is **568F80**.

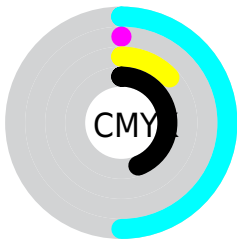
# Distribution



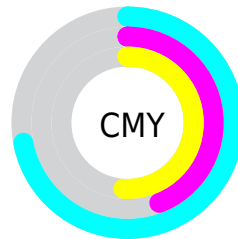
- Red (28%)
- Green (56%)
- Blue (49%)



- Red (28%)
- Yellow (44%)
- Blue (56%)



- Cyan (50%)
- Magenta (0%)
- Yellow (13%)
- Black (44%)



- Cyan (72%)
- Magenta (44%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 488F7C 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 488F7C by changing the saturation by 10% instead.





488F7C



488F7C

FFFFFF



2D7563



7DC5B0



0C5C4B



99E1CC



004435



B4FEE8



002D20



D1FFFF



001908



EEFFFF



000000



488F7C



488F7C



3A8F78



568F80



2B8F74



658F84

■ 1D8F71

■ 738F87

■ 0F8F6D

■ 818F8B

■ 008F69

■ 908F8F

■ 9E8F93

■ AC8F97

■ BA8F9B

■ C98F9E

# Harmonies

## Analogous

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



648C65



488F7C



328F94

# Triad

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



488F7C



7E7EAE



A9775D

# Complementary

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



488F7C



8F485B

# 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.



B17171



488F7C



9B769F

# Square

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



488F7C



5A86B1



AD7189



987F54

# Rectangle

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



488F7C



328DA2



AD7189



AD7563



# Sweetspot

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



488F7C



9EBAB3



5C8F48



4D5E5A



DEDEDE



5E5E5E



# Same Dimension

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



488F7C



4ABA9C



48808F



404745



008763



000806



# Inverse Universe

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



8F485B



BA4A68



8F5748



474042



870024



080002



# Previews

## White Background



This preview shows how the Hex color 488F7C looks on a white background.

## Color Contrast Check

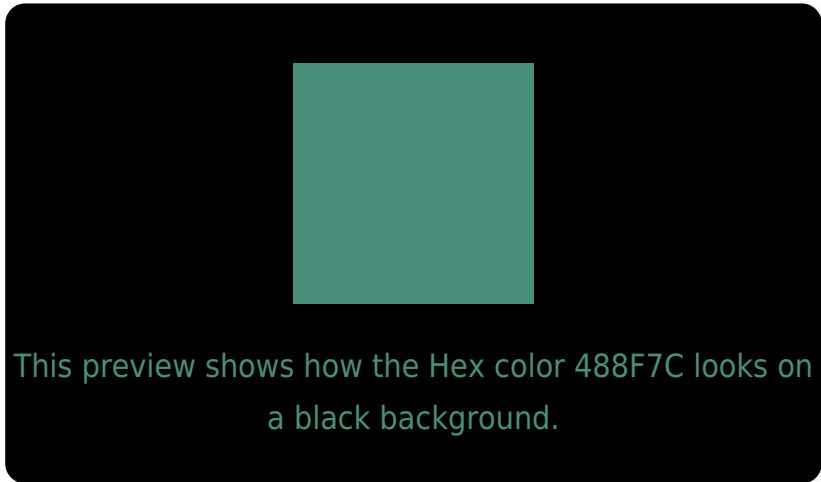
Large Text (above 18pt) WCAG AA ✓ Pass

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

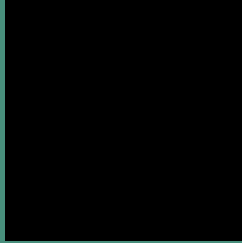
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 488F7C Background



This preview shows how black text looks on a background with the Hex color 488F7C.

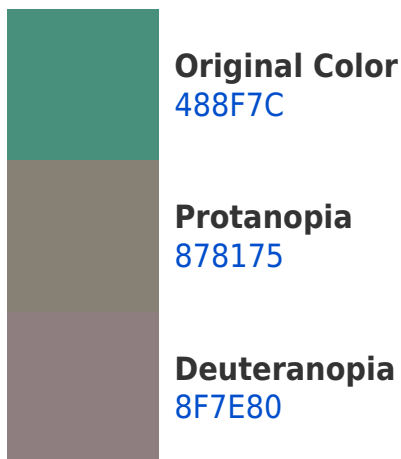


This preview shows how white text looks on a background with the Hex color 488F7C.

# 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](#).

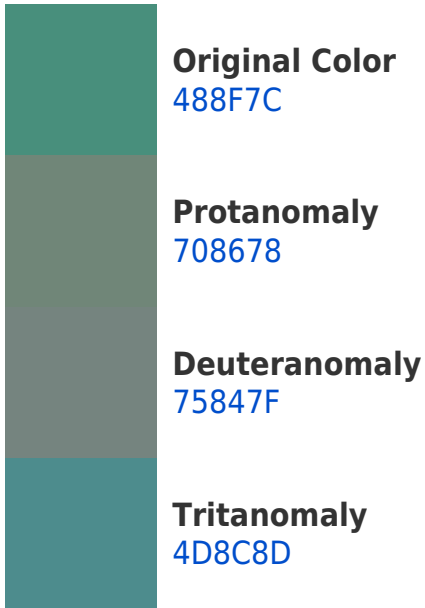
## Dichromacy



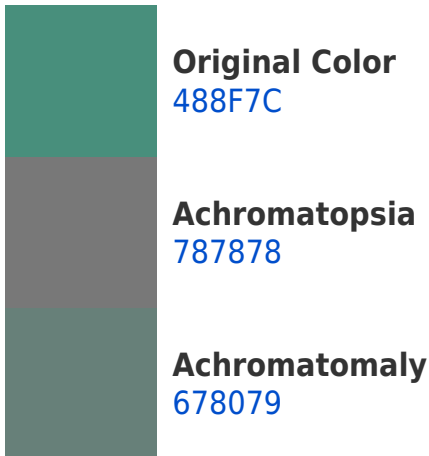


**Tritanopia**  
508B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 488F7C 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 #488F7C looks like.

```
.text, #text, p{  
    color:#488F7C  
}
```

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 #488F7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #488F7C
}
```

## Border

The CSS property to change the border of an element to Hex 488F7C 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
#488F7C }
```

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

```
.border{ border-color:#488F7C }
```

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

Here you see how a box with a 4 pixel #488F7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #488F7C; -webkit-box-shadow:4px 4px  
4px 4px #488F7C; box-shadow:4px 4px 4px  
4px #488F7C }
```

# Background

The CSS property to change the background color of an element to Hex 488F7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#488F7C }
```

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

```
.background{ background-color:#488F7C }
```

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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