

# Converting Colors

Hex(488A82)

Have a look what the booklet for  
Hex(488A82) contains.

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**Color**

**Hex(488A82)**

# Conversions

## Conversions Part 1

Format	Color
Hex	488A82
RGB	72, 138, 130
RGB Percent	28%, 54%, 51%
CMY	0.7176, 0.4588, 0.4902
CMYK	0.48, 0.00, 0.06, 0.46
HSL	173°, 31%, 41%
HSV	173°, 48%, 54%
XYZ	15.7902, 21.1664, 24.3724
YIQ	117.3540, -36.7680, -16.4800

# Conversions

## Conversions Part 2

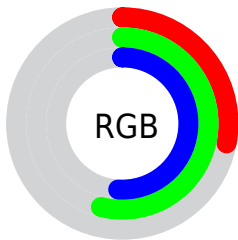
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 107, 138
Decimal	4754050
CIELab	53.13, -23.11, -2.24
CIELCh	53, 23.222, 185.543
Yxy	21.1664, 0.2575, 0.3451
Android (android.graphics.Color)	4282944130 (0xFF488A82)
YUV	117.3540, 6.2345, -39.7755
Hunter-Lab	46.0069, -19.2484, 0.7957

# Details

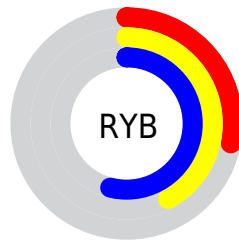
The Hex color **488A82** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8A4850**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **7DC0B7**, and **0D5851** is the 20% darker color. If you saturate the color by 10%, you get **3A8A80**, and if you desaturate by 10%, it is **568A84**.

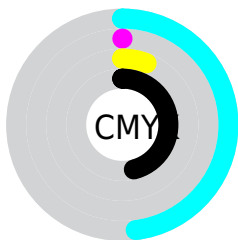
# Distribution



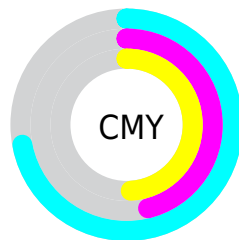
- Red (28%)
- Green (54%)
- Blue (51%)



- Red (28%)
- Yellow (42%)
- Blue (54%)



- Cyan (48%)
- Magenta (0%)
- Yellow (6%)
- Black (46%)



- Cyan (72%)
- Magenta (46%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 488A82 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 488A82 by changing the saturation by 10% instead.





488A82



488A82

FFFFFF



2D7069



7DC0B7



0D5851



98DCD2



00403A



B4F8EF



002924



D0FFFF



00130F



EDFFFF



000000



488A82



488A82



3A8A80



568A84



2C8A7F



648A85

■ 1F8A7D

■ 718A87

■ 118A7B

■ 7F8A89

■ 038A7A

■ 8D8A8A

■ 008A79

■ 9B8A8C

■ A98A8E

■ B68A8F

■ C48A91

# Harmonies

## Analogous

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



5C886E



488A82



408995

# Triad

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



488A82



87789F



9B785B

# Complementary

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



488A82



8A4850

# 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.



A57269



488A82



9C7290

# Square

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



488A82



6B7FA6



A6707C



897F57

# Rectangle

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



488A82



48879F



A6707C



9F765F



# Sweetspot

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



488A82



9AB3AF



518A48



4A5957



D9D9D9



595959



# Same Dimension

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



488A82



4DB3A6



48728A



3E4544



008575



000504



# Inverse Universe

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



8A4850



B34D59



8A6048



453E3F



850010

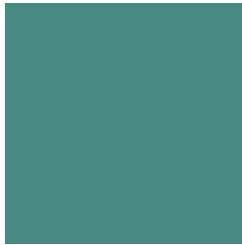


050001



# Previews

## White Background



This preview shows how the Hex color 488A82 looks on a white background.

## Color Contrast Check

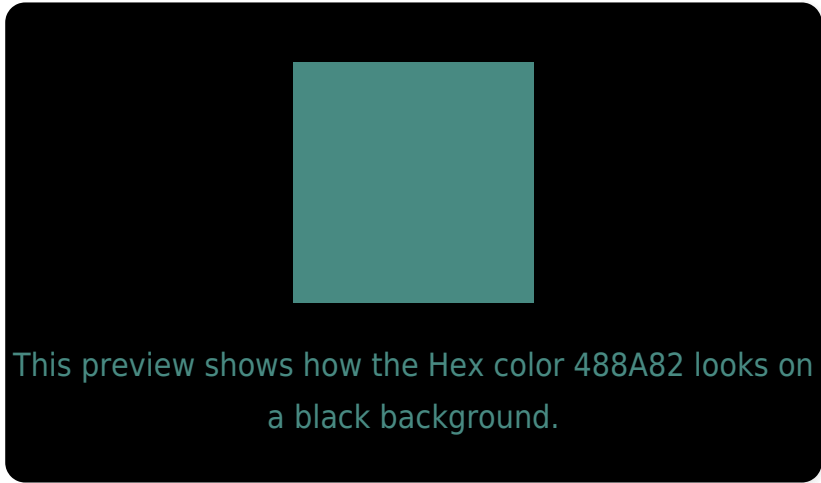
Large Text (above 18pt) WCAG AA ✓ Pass

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

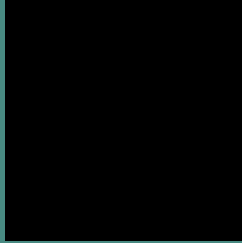
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 488A82 Background



This preview shows how black text looks on a background with the Hex color 488A82.



This preview shows how white text looks on a background with the Hex color 488A82.

# 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**  
488A82

**Protanopia**  
817E7B

**Deuteranopia**  
877B85



**Tritanopia**  
4D8892

# Trichromacy



**Original Color**  
488A82

**Protanomaly**  
6C827E

**Deuteranomaly**  
708084

**Tritanomaly**  
4B898C

# Monochromacy



**Original Color**  
488A82

**Achromatopsia**  
757575

**Achromatomaly**  
657D7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 488A82 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 #488A82 looks like.

```
.text, #text, p{  
    color:#488A82  
}
```

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 #488A82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #488A82
}
```

## Border

The CSS property to change the border of an element to Hex 488A82 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
#488A82 }
```

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

```
.border{ border-color:#488A82 }
```

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

Here you see how a box with a 4 pixel #488A82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #488A82; -webkit-box-shadow:4px 4px  
4px 4px #488A82; box-shadow:4px 4px 4px  
4px #488A82 }
```

# Background

The CSS property to change the background color of an element to Hex 488A82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#488A82 }
```

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

```
.background{ background-color:#488A82 }
```

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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