

Converting Colors

Hex(488C7D)

Have a look what the booklet for
Hex(488C7D) contains.

Hex(488C7D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(488C7D)

Conversions

Conversions Part 1

Format	Color
Hex	488C7D
RGB	72, 140, 125
RGB Percent	28%, 55%, 49%
CMY	0.7176, 0.4510, 0.5098
CMYK	0.49, 0.00, 0.11, 0.45
HSL	167°, 32%, 42%
HSV	167°, 49%, 55%
XYZ	15.7522, 21.6146, 22.7438
YIQ	117.9580, -35.7130, -19.0810

Conversions

Conversions Part 2

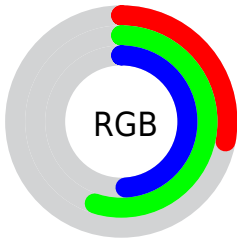
Format	Color
R_{YB}	72, 110, 140
Decimal	4754557
CIE _{Lab}	53.62, -25.42, 1.36
CIE _{LCh}	54, 25.459, 176.939
Yxy	21.6146, 0.2621, 0.3596
Android (android.graphics.Color)	4282944637 (0xFF488C7D)
YUV	117.9580, 3.4717, -40.3052
Hunter-Lab	46.4915, -20.8806, 3.5391

Details

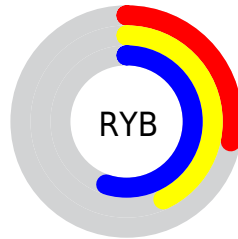
The Hex color **488C7D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8C4857**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **7DC2B2**, and **0D594C** is the 20% darker color. If you saturate the color by 10%, you get **3A8C7A**, and if you desaturate by 10%, it is **568C80**.

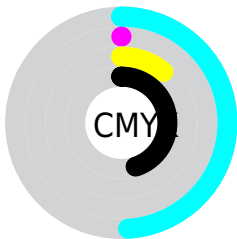
Distribution



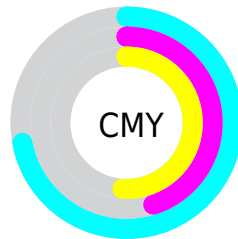
- Red (28%)
- Green (55%)
- Blue (49%)



- Red (28%)
- Yellow (43%)
- Blue (55%)



- Cyan (49%)
- Magenta (0%)
- Yellow (11%)
- Black (45%)



- Cyan (72%)
- Magenta (45%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 488C7D 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 488C7D by changing the saturation by 10% instead.

 488C7D

 488C7D

FFFFFF

 2D7264

 7DC2B2

 0D594C

 98DECD

 004236

 B4FBE9

 002B20

 D0FFFF

 001509

 EDFFFF

 000000

 488C7D

 488C7D

 3A8C7A

 568C80

 2C8C77

 648C83

■ 1E8C74

■ 728C86

■ 108C71

■ 808C89

■ 028C6E

■ 8E8C8C

■ 008C6D

■ 9C8C90

■ AA8C93

■ B88C96

■ C68C99

Harmonies

Analogous

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



618A68



488C7D



388C93

Triad

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



488C7D



807BA7



A3775C

Complementary

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



488C7D



8C4857

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.



AB716D



488C7D



9A7498

Square

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



488C7D



5F83AB



A97083



917E54

Rectangle

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



488C7D



3B8A9F



A97083



A77461

Sweetspot

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



488C7D



9AB5AF



588C48



4B5C58



DBDBDB



5C5C5C

Same Dimension

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



488C7D



4CB59E



487A8C



3E4543



008567



000504

Inverse Universe

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



8C4857



B54C63



8C5A48



453E3F



85001D



050001

Previews

White Background



This preview shows how the Hex color 488C7D looks on a white background.

Color Contrast Check

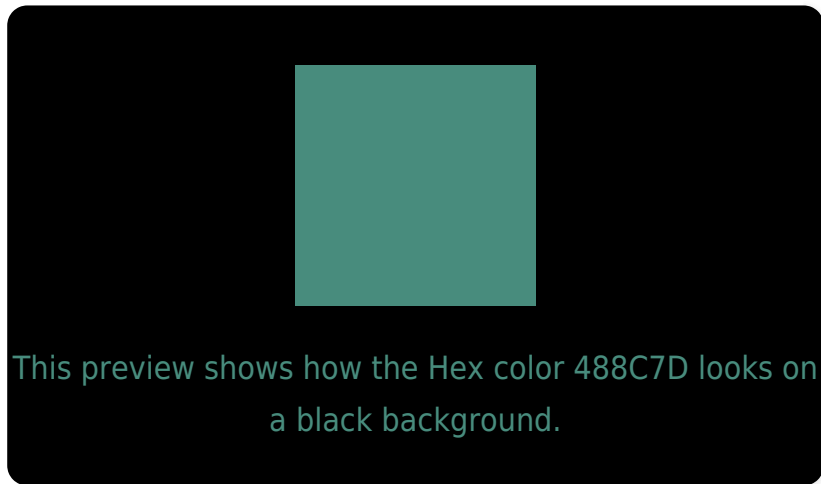
Large Text (above 18pt) WCAG AA ✓ Pass

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

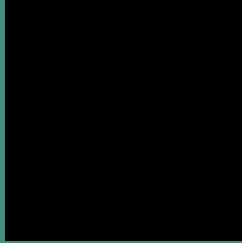
Any Text WCAG AA ✓ Pass

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 488C7D Background



This preview shows how black text looks on a background with the Hex color 488C7D.

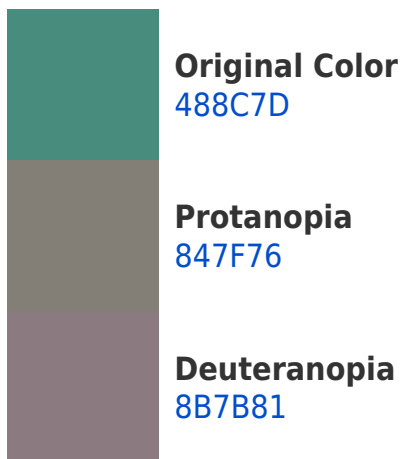


This preview shows how white text looks on a background with the Hex color 488C7D.

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



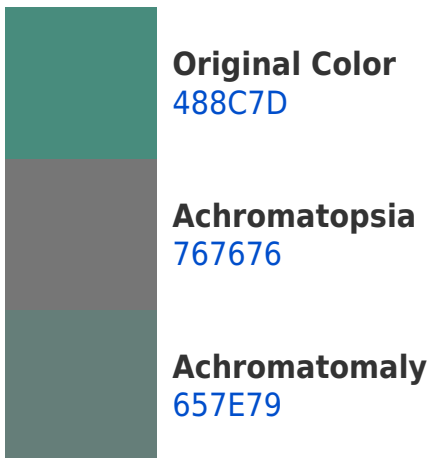


Tritanopia
4F8994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 488C7D 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 #488C7D looks like.

```
.text, #text, p{  
    color:#488C7D  
}
```

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 #488C7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #488C7D
}
```

Border

The CSS property to change the border of an element to Hex 488C7D 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
#488C7D }
```

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

```
.border{ border-color:#488C7D }
```

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

Here you see how a box with a 4 pixel #488C7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #488C7D; -webkit-box-shadow:4px 4px  
4px 4px #488C7D; box-shadow:4px 4px 4px  
4px #488C7D }
```

Background

The CSS property to change the background color of an element to Hex 488C7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#488C7D }
```

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

```
.background{ background-color:#488C7D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor