

Converting Colors

Hex(488E89)

Have a look what the booklet for
Hex(488E89) contains.

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Color

Hex(488E89)

Conversions

Conversions Part 1

Format	Color
Hex	488E89
RGB	72, 142, 137
RGB Percent	28%, 56%, 54%
CMY	0.7176, 0.4431, 0.4627
CMYK	0.49, 0.00, 0.04, 0.44
HSL	176°, 33%, 42%
HSV	176°, 49%, 56%
XYZ	16.8608, 22.5299, 27.1269
YIQ	120.5000, -40.1150, -16.3950

Conversions

Conversions Part 2

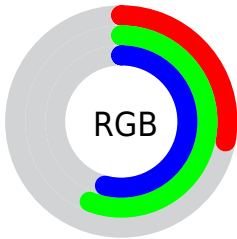
Format	Color
R_{YB}	72, 108, 142
Decimal	4755081
CIE _{Lab}	54.58, -23.30, -4.15
CIE _{LCh}	55, 23.669, 190.097
Yxy	22.5299, 0.2535, 0.3387
Android (android.graphics.Color)	4282945161 (0xFF488E89)
YUV	120.5000, 8.1345, -42.5345
Hunter-Lab	47.4656, -19.6577, -0.6587

Details

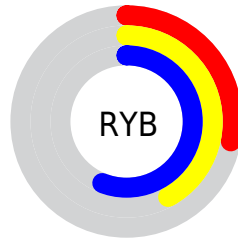
The Hex color **488E89** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8E484D**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **7EC4BE**, and **095B57** is the 20% darker color. If you saturate the color by 10%, you get **3A8E88**, and if you desaturate by 10%, it is **568E8A**.

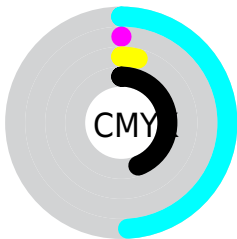
Distribution



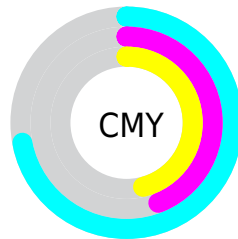
- Red (28%)
- Green (56%)
- Blue (54%)



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



- Cyan (49%)
- Magenta (0%)
- Yellow (4%)
- Black (44%)



- Cyan (72%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 488E89 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 488E89 by changing the saturation by 10% instead.

■ 488E89

■ 488E89

FFFFFF

■ 2C7470

■ 7EC4BE

■ 095B57

■ 99E0DA

■ 004340

■ B5FDF7

■ 002D2A

■ D2FFFF

■ 001916

■ EFFFFFF

■ 000000

■ 488E89

■ 488E89

■ 3A8E88

■ 568E8A

■ 2C8E87

■ 648E8B

1D8E86

738E8C

0F8E85

818E8D

018E84

8F8E8E

008E84

9D8E8F

AB8E90

BA8E91

C88E92

Harmonies

Analogous

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



5C8D74



488E89



438D9C

Triad

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



488E89



8E7BA2



9D7D5D

Complementary

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



488E89



8E484D

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.



A97669



488E89



A27591

Square

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



488E89



7282AB



AB737C



8A845A

Rectangle

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



488E89



4D8AA5



AB737C



A27A60

Sweetspot

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



488E89



9CB8B6



4E8E48



4B5C5B



DBDBDB



5C5C5C

Same Dimension

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



488E89



4BB8B0



48718E



404747



00877D



000807

Inverse Universe

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



8E484D



B84B53



8E6548



474041



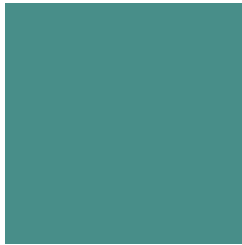
87000A



080001

Previews

White Background



This preview shows how the Hex color 488E89 looks on a white background.

Color Contrast Check

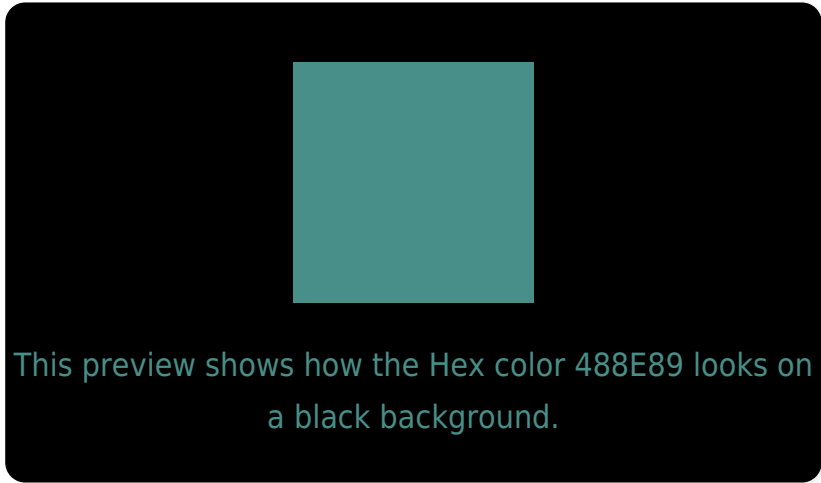
Large Text (above 18pt) WCAG AA ✓ Pass

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

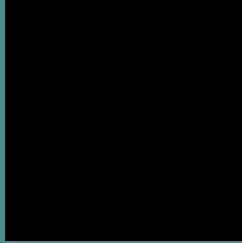
Any Text WCAG AA ✓ Pass

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 488E89 Background



This preview shows how black text looks on a background with the Hex color 488E89.



This preview shows how white text looks on a background with the Hex color 488E89.

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
488E89

Protanopia
848182

Deuteranopia
8A7E8C



Tritanopia
4D8C97

Trichromacy



Original Color
488E89

Protanomaly
6E8685

Deuteranomaly
72848B

Tritanomaly
4B8D92

Monochromacy



Original Color
488E89

Achromatopsia
797979

Achromatomaly
67817F

CSS Examples

Text

The CSS property to change the color of the text to Hex 488E89 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 #488E89 looks like.

```
.text, #text, p{  
    color:#488E89  
}
```

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 #488E89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #488E89
}
```

Border

The CSS property to change the border of an element to Hex 488E89 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
#488E89 }
```

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

```
.border{ border-color:#488E89 }
```

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

Here you see how a box with a 4 pixel #488E89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #488E89; -webkit-box-shadow:4px 4px  
4px 4px #488E89; box-shadow:4px 4px 4px  
4px #488E89 }
```

Background

The CSS property to change the background color of an element to Hex 488E89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#488E89 }
```

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

```
.background{ background-color:#488E89 }
```

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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