

Converting Colors

Hex(489E80)

Have a look what the booklet for
Hex(489E80) contains.

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Color

Hex(489E80)

Conversions

Conversions Part 1

Format	Color
Hex	489E80
RGB	72, 158, 128
RGB Percent	28%, 62%, 50%
CMY	0.7176, 0.3804, 0.4980
CMYK	0.54, 0.00, 0.19, 0.38
HSL	159°, 37%, 45%
HSV	159°, 54%, 62%
XYZ	18.7956, 27.3899, 24.7182
YIQ	128.8660, -41.6260, -27.5620

Conversions

Conversions Part 2

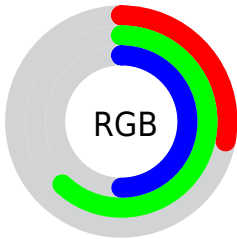
Format	Color
RYB	72, 124, 158
Decimal	4759168
CIELab	59.33, -33.41, 7.88
CIElCh	59, 34.328, 166.731
Yxy	27.3899, 0.2651, 0.3863
Android (android.graphics.Color)	4282949248 (0xFF489E80)
YUV	128.8660, -0.4269, -49.8715
Hunter-Lab	52.3354, -27.4809, 8.6319

Details

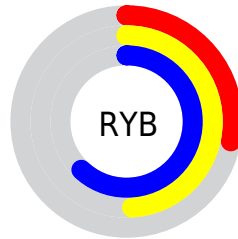
The Hex color **489E80** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9E4866**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **7FD5B5**, and **016A4F** is the 20% darker color. If you saturate the color by 10%, you get **389E7A**, and if you desaturate by 10%, it is **589E86**.

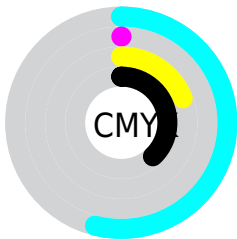
Distribution



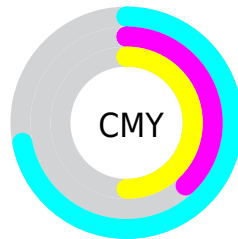
- Red (28%)
- Green (62%)
- Blue (50%)



- Red (28%)
- Yellow (49%)
- Blue (62%)



- Cyan (54%)
- Magenta (0%)
- Yellow (19%)
- Black (38%)



- Cyan (72%)
- Magenta (38%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 489E80 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 489E80 by changing the saturation by 10% instead.



489E80



489E80

FFFFFF



2B8467



7FD5B5



016A4F



9BF2D0



005138



B7FFED



003923



D4FFFF



00250D



F1FFFF



000000



489E80



489E80



389E7A



589E86



289E75



689E8B

■ 199E6F

■ 779E91

■ 099E6A

■ 879E96

■ 009E67

■ 979E9C

■ A79EA1

■ B79EA7

■ C69EAC

■ D69EB2

Harmonies

Analogous

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



709A64



489E80



129F9F

Triad

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



489E80



7E8CC8



C27E64

Complementary

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



489E80



9E4866

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.



CA787F



489E80



A781B8

Square

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



489E80



4996C9



C1799E



AE8854

Rectangle

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



489E80



009EB2



C1799E



C67B6C

Sweetspot

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



489E80



AECFC3



669E48



556962



E8E8E8



696969

Same Dimension

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



489E80



48CFA0



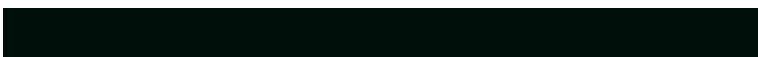
48919E



474F4C



008F5D



000F0A

Inverse Universe

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



9E4866



CF4877



9E5548



4F474A



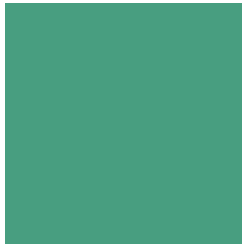
8F0032



0F0005

Previews

White Background



This preview shows how the Hex color 489E80 looks on a white background.

Color Contrast Check

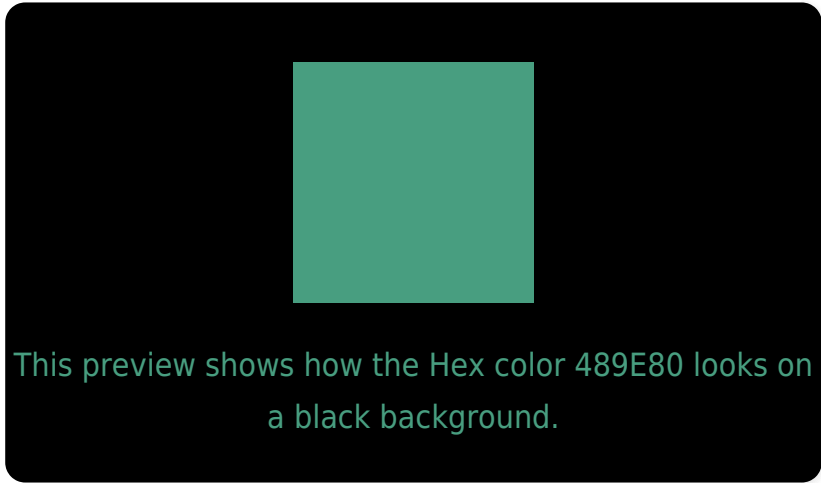
Large Text (above 18pt) WCAG AA ✓ Pass

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

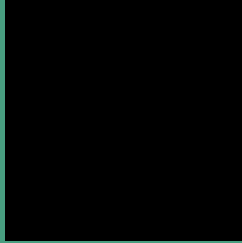
Any Text WCAG AA ✓ Pass

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 489E80 Background



This preview shows how black text looks on a background with the Hex color 489E80.

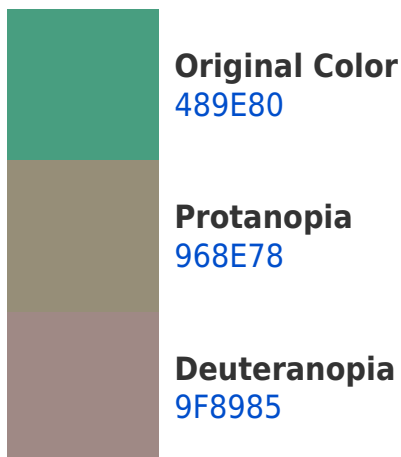


This preview shows how white text looks on a background with the Hex color 489E80.

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
5499A5

Trichromacy



Original Color
489E80

Protanomaly
7A947B

Deuteranomaly
7F9183

Tritanomaly
509B98

Monochromacy



Original Color
489E80

Achromatopsia
818181

Achromatomaly
6C8C81

CSS Examples

Text

The CSS property to change the color of the text to Hex 489E80 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 #489E80 looks like.

```
.text, #text, p{  
    color:#489E80  
}
```

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 #489E80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #489E80
}
```

Border

The CSS property to change the border of an element to Hex 489E80 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
#489E80 }
```

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

```
.border{ border-color:#489E80 }
```

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

Here you see how a box with a 4 pixel #489E80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #489E80; -webkit-box-shadow:4px 4px  
4px 4px #489E80; box-shadow:4px 4px 4px  
4px #489E80 }
```

Background

The CSS property to change the background color of an element to Hex 489E80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#489E80 }
```

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

```
.background{ background-color:#489E80 }
```

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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