

Converting Colors

Hex(489780)

Have a look what the booklet for
Hex(489780) contains.

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Color

Hex(489780)

Conversions

Conversions Part 1

Format	Color
Hex	489780
RGB	72, 151, 128
RGB Percent	28%, 59%, 50%
CMY	0.7176, 0.4078, 0.4980
CMYK	0.52, 0.00, 0.15, 0.41
HSL	163°, 35%, 44%
HSV	163°, 52%, 59%
XYZ	17.6354, 25.0694, 24.3315
YIQ	124.7570, -39.7010, -23.9010

Conversions

Conversions Part 2

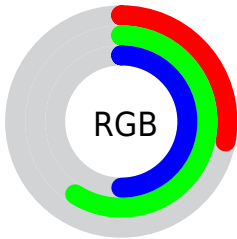
Format	Color
RYB	72, 118, 151
Decimal	4757376
CIELab	57.14, -30.09, 4.74
CIELCh	57, 30.463, 171.045
Yxy	25.0694, 0.2631, 0.3740
Android (android.graphics.Color)	4282947456 (0xFF489780)
YUV	124.7570, 1.5988, -46.2679
Hunter-Lab	50.0694, -24.7504, 6.2363

Details

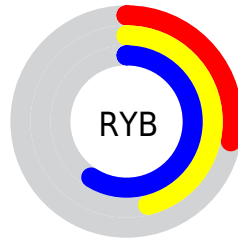
The Hex color **489780** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **97485F**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **7ECEB5**, and **06634F** is the 20% darker color. If you saturate the color by 10%, you get **39977C**, and if you desaturate by 10%, it is **579784**.

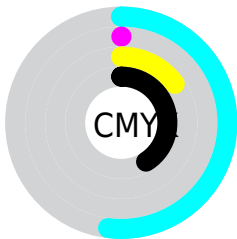
Distribution



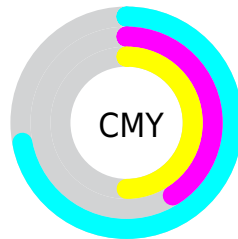
- Red (28%)
- Green (59%)
- Blue (50%)



- Red (28%)
- Yellow (46%)
- Blue (59%)



- Cyan (52%)
- Magenta (0%)
- Yellow (15%)
- Black (41%)



- Cyan (72%)
- Magenta (41%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 489780 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 489780 by changing the saturation by 10% instead.

 489780

 489780

FFFFFF

 2C7D67

 7ECEB5

 06634F

 9AEAD0

 004B38

 B6FFED

 003423

 D2FFFF

 00210D

 EFFFFFF

 000000

 489780

 489780

 39977C

 579784

 2A9777

 669789

■ 1B9773

■ 75978D

■ 0C976E

■ 849792

■ 00976B

■ 949796

■ A3979A

■ B2979F

■ C197A3

■ D097A8

Harmonies

Analogous

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



699467



489780



28979B

Triad

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



489780



8185BB



B57C61

Complementary

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



489780



97485F

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.



BD7677



489780



A37CAB

Square

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



489780



568EBD



B87592



A28555

Rectangle

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



489780



2596AB



B87592



B97968

Sweetspot

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



489780



A5C4BB



609748



51635E



E3E3E3



636363

Same Dimension

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



489780



49C4A0



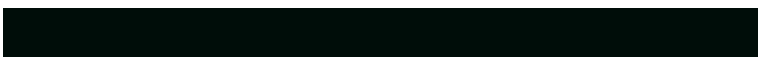
488797



454D4A



008C63



000D09

Inverse Universe

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



97485F



C4496D



975848



4D4547



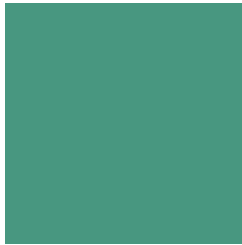
8C0029



0D0004

Previews

White Background



This preview shows how the Hex color 489780 looks on a white background.

Color Contrast Check

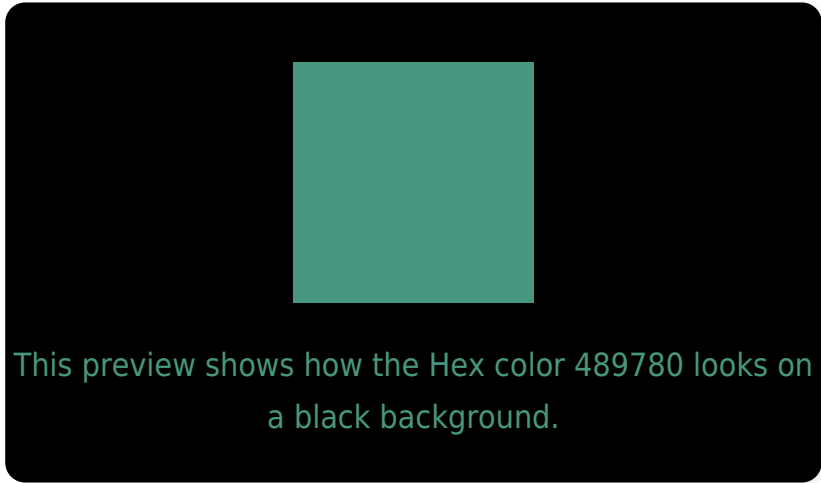
Large Text (above 18pt) WCAG AA ✓ Pass

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

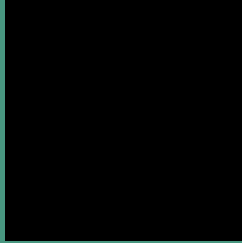
Any Text WCAG AA ✓ Pass

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 489780 Background



This preview shows how black text looks on a background with the Hex color 489780.

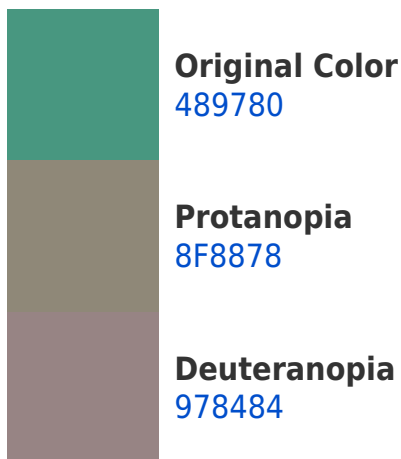



This preview shows how white text looks on a background with the Hex color 489780.

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](#).

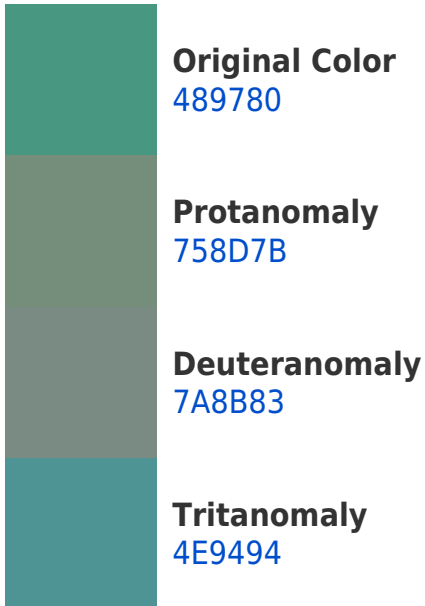
Dichromacy



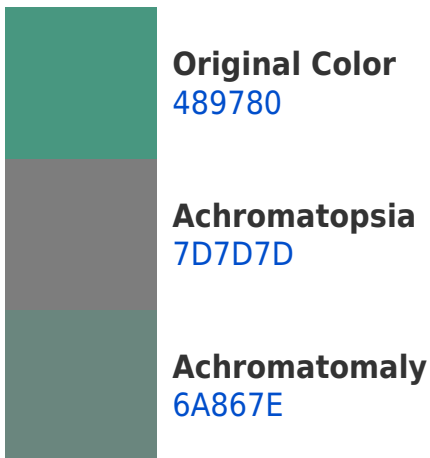


Tritanopia
51939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 489780 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 #489780 looks like.

```
.text, #text, p{  
    color:#489780  
}
```

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 #489780 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #489780
}
```

Border

The CSS property to change the border of an element to Hex 489780 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
#489780 }
```

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

```
.border{ border-color:#489780 }
```

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

Here you see how a box with a 4 pixel #489780 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #489780; -webkit-box-shadow:4px 4px  
4px 4px #489780; box-shadow:4px 4px 4px  
4px #489780 }
```

Background

The CSS property to change the background color of an element to Hex 489780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#489780 }
```

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

```
.background{ background-color:#489780 }
```

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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