

# Converting Colors

Hex(489976)

Have a look what the booklet for  
Hex(489976) contains.

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**Color**

**Hex(489976)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 489976                       |
| RGB         | 72, 153, 118                 |
| RGB Percent | 28%, 60%, 46%                |
| CMY         | 0.7176, 0.4000, 0.5373       |
| CMYK        | 0.53, 0.00, 0.23, 0.40       |
| HSL         | 154°, 36%, 44%               |
| HSV         | 154°, 53%, 60%               |
| XYZ         | 17.3337, 25.4682, 21.1418    |
| YIQ         | 124.7910, -37.0410, -28.0570 |

# Conversions

## Conversions Part 2

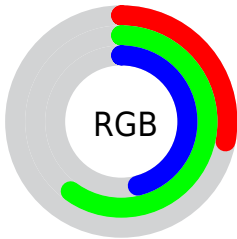
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 72, 124, 153                   |
| Decimal                             | 4757878                        |
| CIELab                              | 57.53, -33.39, 10.96           |
| CIELCh                              | 58, 35.143, 161.827            |
| Yxy                                 | 25.4682, 0.2711,<br>0.3983     |
| Android<br>(android.graphics.Color) | 4282947958<br>(0xFF489976)     |
| YUV                                 | 124.7910, -3.3480,<br>-46.2977 |
| Hunter-Lab                          | 50.4660, -27.0055,<br>10.4878  |

# Details

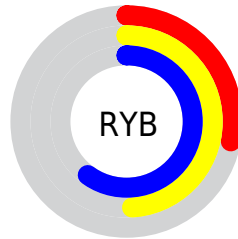
The Hex color **489976** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **99486B**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **7ED0AA**, and **066546** is the 20% darker color. If you saturate the color by 10%, you get **39996F**, and if you desaturate by 10%, it is **57997D**.

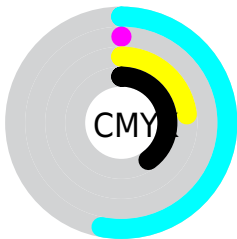
# Distribution



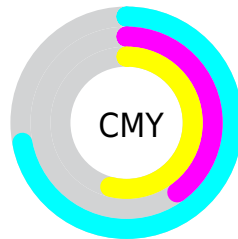
- Red (28%)
- Green (60%)
- Blue (46%)



- Red (28%)
- Yellow (49%)
- Blue (60%)



- Cyan (53%)
- Magenta (0%)
- Yellow (23%)
- Black (40%)



- Cyan (72%)
- Magenta (40%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 489976 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 489976 by changing the saturation by 10% instead.





489976



489976

FFFFFF



2C7F5D



7ED0AA



066546



9AECC5



004D2F



B6FFE1



00351A



D2FFFE



002200



FFFFFF



000000



489976



489976



39996F



57997D



299969



679983

■ 1A9962

■ 76998A

■ 0B995C

■ 859990

■ 009957

■ 949997

■ A4999E

■ B399A4

■ C299AB

■ D299B2

# Harmonies

## Analogous

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



70945B



489976



039A96

# Triad

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



489976



7089C6



C07863

# Complementary

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



489976



99486B

# 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.



C5727F



489976



9D7EB8

# Square

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



489976



3593C4



BA749E



AE8250

# Rectangle

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



489976



0099AA



BA749E



C4756B



# Sweetspot

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



489976



A7C7B9



6B9948



51635B



E3E3E3



636363



# Same Dimension

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



489976



48C790



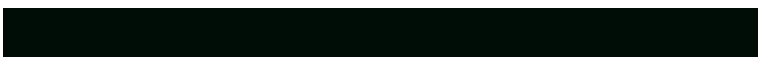
489499



454D49



008C50



000D07



# Inverse Universe

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



99486B



C7487F



994D48



4D4548



8C003D

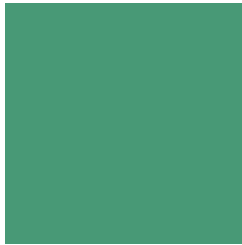


0D0006



# Previews

## White Background



This preview shows how the Hex color 489976 looks on a white background.

## Color Contrast Check

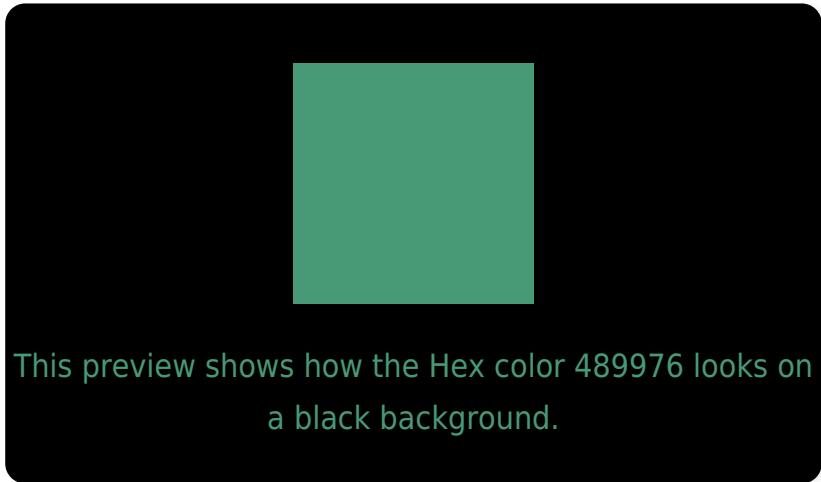
Large Text (above 18pt) WCAG AA ✓ Pass

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

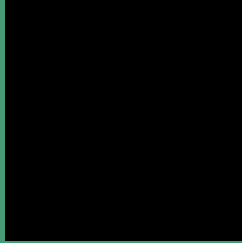
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 489976 Background



This preview shows how black text looks on a background with the Hex color 489976.

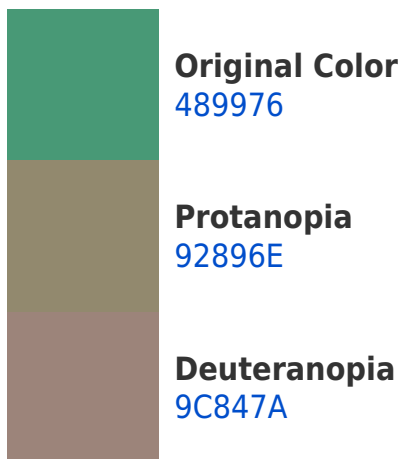


This preview shows how white text looks on a background with the Hex color 489976.

# 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**  
54939F

# Trichromacy



**Original Color**  
489976

**Protanomaly**  
778F71

**Deuteranomaly**  
7D8C79

**Tritanomaly**  
509590

# Monochromacy



**Original Color**  
489976

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
6A877A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 489976 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 #489976 looks like.

```
.text, #text, p{  
    color:#489976  
}
```

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 #489976 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #489976
}
```

## Border

The CSS property to change the border of an element to Hex 489976 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
#489976 }
```

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

```
.border{ border-color:#489976 }
```

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

Here you see how a box with a 4 pixel #489976 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #489976; -webkit-box-shadow:4px 4px  
4px 4px #489976; box-shadow:4px 4px 4px  
4px #489976 }
```

# Background

The CSS property to change the background color of an element to Hex 489976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#489976 }
```

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

```
.background{ background-color:#489976 }
```

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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