

# Converting Colors

Hex(489B50)

Have a look what the booklet for  
Hex(489B50) contains.

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# Color

Hex(489B50)

# Conversions

## Conversions Part 1

Format	Color
Hex	489B50
RGB	72, 155, 80
RGB Percent	28%, 61%, 31%
CMY	0.7176, 0.3922, 0.6863
CMYK	0.54, 0.00, 0.48, 0.39
HSL	126°, 37%, 45%
HSV	126°, 54%, 61%
XYZ	15.8418, 25.3996, 11.6571
YIQ	121.6330, -25.3930, -40.9210

# Conversions

## Conversions Part 2

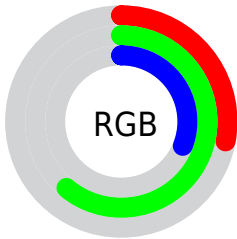
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 148, 155
Decimal	4758352
CIELab	57.46, -41.49, 31.69
CIELCh	57, 52.206, 142.622
Yxy	25.3996, 0.2995, 0.4802
Android (android.graphics.Color)	4282948432 (0xFF489B50)
YUV	121.6330, -20.5251, -43.5281
Hunter-Lab	50.3980, -32.0879, 21.5648

# Details

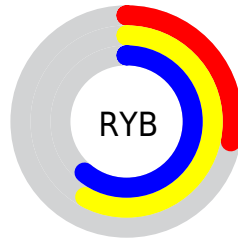
The Hex color **489B50** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9B4893**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **7FD283**, and **026720** is the 20% darker color. If you saturate the color by 10%, you get **399B42**, and if you desaturate by 10%, it is **589B5E**.

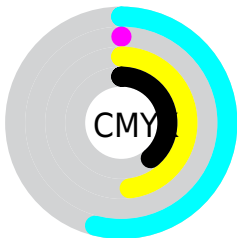
# Distribution



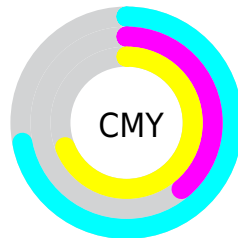
- Red (28%)
- Green (61%)
- Blue (31%)



- Red (28%)
- Yellow (58%)
- Blue (61%)



- Cyan (54%)
- Magenta (0%)
- Yellow (48%)
- Black (39%)



- Cyan (72%)
- Magenta (39%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 489B50 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 489B50 by changing the saturation by 10% instead.



 489B50

 489B50

FFFFFF

 2B8138

 7FD283

 026720

 9BEF9D

 004E07

 B7FFB8

 003600

 D3FFD4

 002100

 F1FFF1

 000000

 489B50

 489B50

 399B42

 589B5E

 299B34

 679B6C

 1A9B26

 779B7A

 0A9B18

 869B88

 009B0F

 969B96

 A59BA4

 B49BB2

 C49BC0

 D49BCE

# Harmonies

## Analogous

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



81922F



489B50



00A07D

# Triad

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



489B50



0092E4



DD636A

# Complementary

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



489B50



9B4893

# 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.



D76297



489B50



7883DE

# Square

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



489B50



009CD2



B76FC2



CD7242

# Rectangle

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



489B50



00A09C



B76FC2



DE6178



# Sweetspot

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



489B50



A9C9AC



949B48



536654



E6E6E6



666666



# Same Dimension

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



489B50



49C955



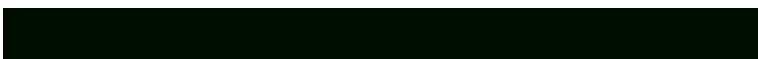
489B78



454D46



008C0E



000D01



# Inverse Universe

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



9B4893



C949BD



9B486B



4D454C



8C007F



0D000C



# Previews

## White Background



This preview shows how the Hex color 489B50 looks on a white background.

## Color Contrast Check

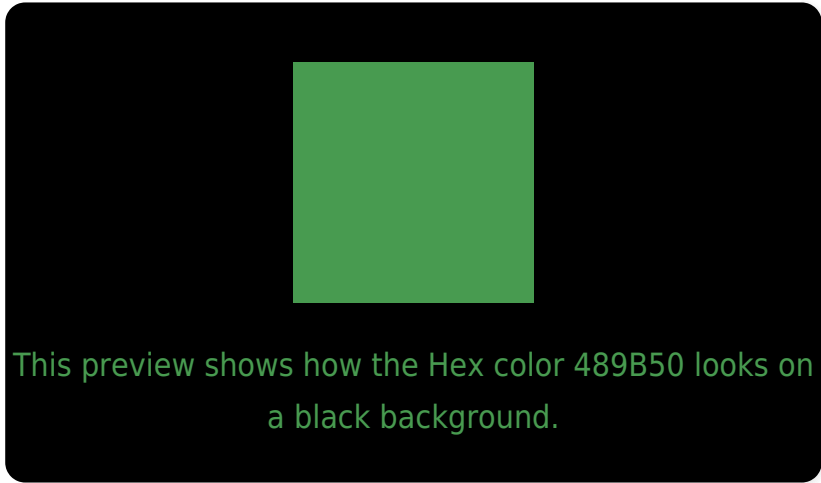
Large Text (above 18pt) WCAG AA ✓ Pass

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 489B50 Background



This preview shows how black text looks on a background with the Hex color 489B50.




This preview shows how white text looks on a background with the Hex color 489B50.

# 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**  
5A929E

# Trichromacy



**Original Color**  
489B50

**Protanomaly**  
7A904C

**Deuteranomaly**  
848C54

**Tritanomaly**  
539582

# Monochromacy



**Original Color**  
489B50

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
68866B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 489B50 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 #489B50 looks like.

```
.text, #text, p{  
    color:#489B50  
}
```

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 #489B50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #489B50
}
```

## Border

The CSS property to change the border of an element to Hex 489B50 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
#489B50 }
```

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

```
.border{ border-color:#489B50 }
```

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

Here you see how a box with a 4 pixel #489B50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #489B50; -webkit-box-shadow:4px 4px  
4px 4px #489B50; box-shadow:4px 4px 4px  
4px #489B50 }
```

# Background

The CSS property to change the background color of an element to Hex 489B50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#489B50 }
```

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

```
.background{ background-color:#489B50 }
```

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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