

Converting Colors

Hex(489D50)

Have a look what the booklet for
Hex(489D50) contains.

Hex(489D50)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(489D50)

Conversions

Conversions Part 1

Format	Color
Hex	489D50
RGB	72, 157, 80
RGB Percent	28%, 62%, 31%
CMY	0.7176, 0.3843, 0.6863
CMYK	0.54, 0.00, 0.49, 0.38
HSL	126°, 37%, 45%
HSV	126°, 54%, 62%
XYZ	16.1774, 26.0708, 11.7690
YIQ	122.8070, -25.9430, -41.9670

Conversions

Conversions Part 2

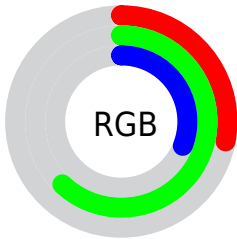
Format	Color
RYB	72, 150, 157
Decimal	4758864
CIELab	58.10, -42.32, 32.50
CIELCh	58, 53.358, 142.481
Yxy	26.0708, 0.2995, 0.4826
Android (android.graphics.Color)	4282948944 (0xFF489D50)
YUV	122.8070, -21.1039, -44.5577
Hunter-Lab	51.0596, -32.7995, 22.0757

Details

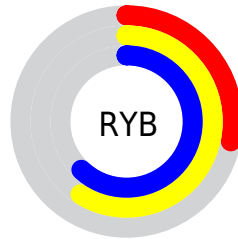
The Hex color **489D50** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9D4895**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **7FD483**, and **016920** is the 20% darker color. If you saturate the color by 10%, you get **389D42**, and if you desaturate by 10%, it is **589D5E**.

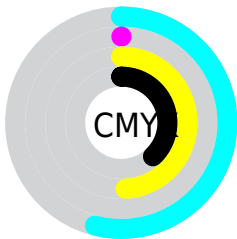
Distribution



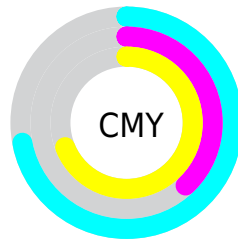
- Red (28%)
- Green (62%)
- Blue (31%)



- Red (28%)
- Yellow (59%)
- Blue (62%)



- Cyan (54%)
- Magenta (0%)
- Yellow (49%)
- Black (38%)



- Cyan (72%)
- Magenta (38%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 489D50 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 489D50 by changing the saturation by 10% instead.

 489D50

 489D50

FFFFFF

 2B8238

 7FD483

 016920

 9BF19D

 005007

 B7FFB8

 003800

 D4FFD4

 002300

 F1FFF1

 000000

 489D50

 489D50

 389D42

 589D5E

 299D34

 679D6C

■ 199D25

■ 779D7B

■ 099D17

■ 879D89

■ 009D0F

■ 979D97

■ A69DA5

■ B69DB4

■ C69DC2

■ D59DD0

Harmonies

Analogous

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



83942E



489D50



00A27E

Triad

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



489D50



0094E8



E1646B

Complementary

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



489D50



9D4895

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.



DB6299



489D50



7884E2

Square

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



489D50



009ED5



B970C5



D07342

Rectangle

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



489D50



00A29E



B970C5



E1617A

Sweetspot

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



489D50



ABCCAE



969D48



536654



E6E6E6



666666

Same Dimension

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



489D50



47CC54



489D7A



474F48



008F0D



000F01

Inverse Universe

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



9D4895



CC47C0



9D486B



4F474E



8F0081



0F000E

Previews

White Background



This preview shows how the Hex color 489D50 looks on a white background.

Color Contrast Check

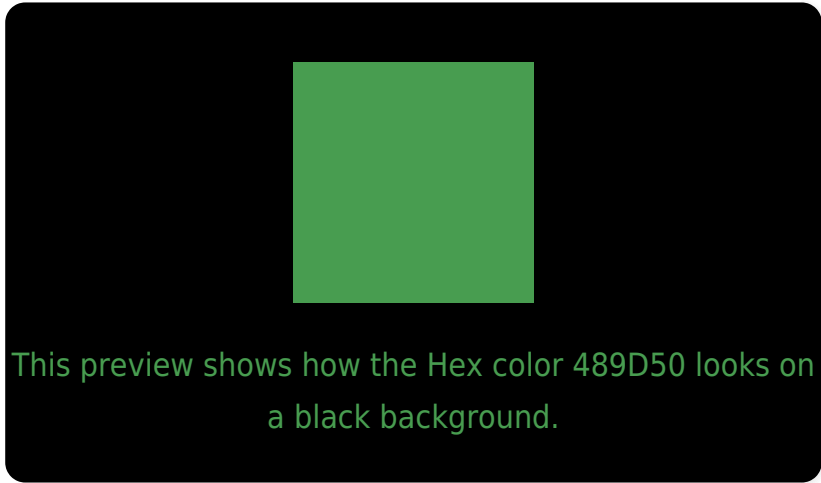
Large Text (above 18pt) WCAG AA ✓ Pass

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 489D50 Background



This preview shows how black text looks on a background with the Hex color 489D50.



This preview shows how white text looks on a background with the Hex color 489D50.

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](#).

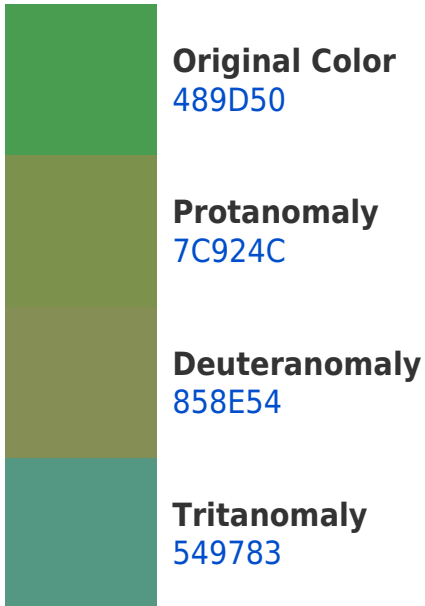
Dichromacy





Tritanopia
5B94A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 489D50 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 #489D50 looks like.

```
.text, #text, p{  
    color:#489D50  
}
```

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 #489D50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #489D50
}
```

Border

The CSS property to change the border of an element to Hex 489D50 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
#489D50 }
```

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

```
.border{ border-color:#489D50 }
```

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

Here you see how a box with a 4 pixel #489D50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #489D50; -webkit-box-shadow:4px 4px  
4px 4px #489D50; box-shadow:4px 4px 4px  
4px #489D50 }
```

Background

The CSS property to change the background color of an element to Hex 489D50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#489D50 }
```

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

```
.background{ background-color:#489D50 }
```

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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