

Converting Colors

Hex(489C3B)

Have a look what the booklet for
Hex(489C3B) contains.

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Color

Hex(489C3B)

Conversions

Conversions Part 1

Format	Color
Hex	489C3B
RGB	72, 156, 59
RGB Percent	28%, 61%, 23%
CMY	0.7176, 0.3882, 0.7686
CMYK	0.54, 0.00, 0.62, 0.39
HSL	112°, 45%, 42%
HSV	112°, 62%, 61%
XYZ	15.3504, 25.4704, 8.2449
YIQ	119.8260, -18.9270, -47.9750

Conversions

Conversions Part 2

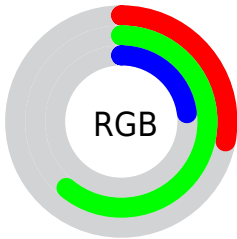
Format	Color
RYB	59, 156, 143
Decimal	4758587
CIELab	57.53, -44.65, 42.16
CIELCh	58, 61.415, 136.643
Yxy	25.4704, 0.3129, 0.5191
Android (android.graphics.Color)	4282948667 (0xFF489C3B)
YUV	119.8260, -29.9872, -41.9434
Hunter-Lab	50.4682, -34.0270, 25.6417

Details

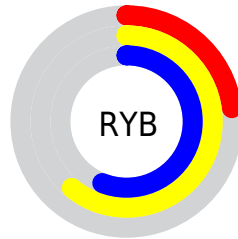
The Hex color **489C3B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8F3B9C**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **80D36E**, and **006803** is the 20% darker color. If you saturate the color by 10%, you get **3A9C2B**, and if you desaturate by 10%, it is **569C4B**.

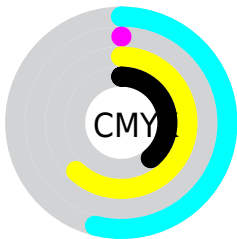
Distribution



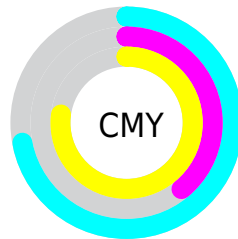
- Red (28%)
- Green (61%)
- Blue (23%)



- Red (23%)
- Yellow (61%)
- Blue (56%)



- Cyan (54%)
- Magenta (0%)
- Yellow (62%)
- Black (39%)



- Cyan (72%)
- Magenta (39%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 489C3B 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 489C3B by changing the saturation by 10% instead.

 489C3B

 489C3B

FFFFFF

 2A8121

 80D36E

 006803

 9CF088

 004F00

 B8FFA3

 003700

 D5FFBF

 002200

 F2FFDB

 000000

 FFFFF8

 489C3B

 489C3B

 3A9C2B

 569C4B

■ 2D9C1C

■ 639C5A

■ 1F9C0C

■ 719C6A

■ 159C00

■ 7E9C79

■ 8C9C89

■ 999C99

■ A79CA8

■ B49CB8

■ C29CC7

Harmonies

Analogous

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



89910E



489C3B



00A270

Triad

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



489C3B



0097F3



EB566F

Complementary

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



489C3B



8F3B9C

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.



DF59A4



489C3B



5886F2

Square

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



489C3B



00A0D7



B26ED4



DB683D

Rectangle

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



489C3B



00A395



B26ED4



EA5480

Sweetspot

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



489C3B



AACCA5



9C8D3B



52664F



E6E6E6



666666

Same Dimension

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



489C3B



48CC33



3B9C5D



484F47



138F00



020F00

Inverse Universe

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



8F3B9C



B733CC



9C3B7A



4E474F



7C008F



0D000F

Previews

White Background



This preview shows how the Hex color 489C3B looks on a white background.

Color Contrast Check

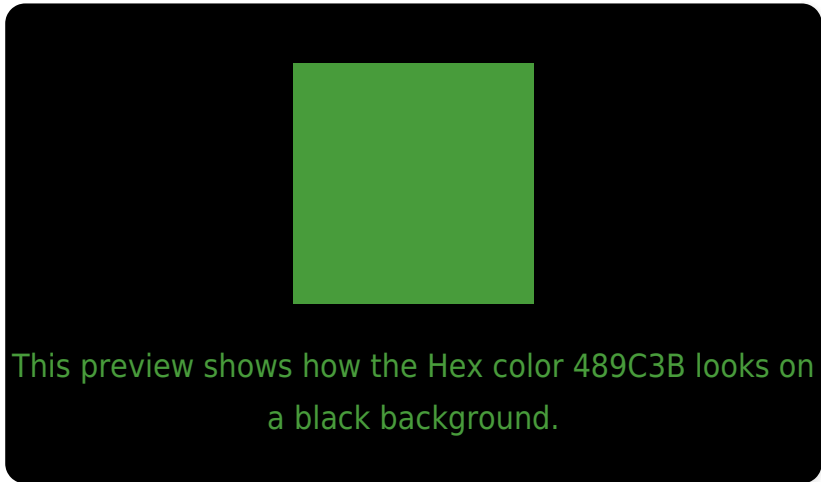
Large Text (above 18pt) WCAG AA ✓ Pass

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 489C3B Background



This preview shows how black text looks on a background with the Hex color 489C3B.

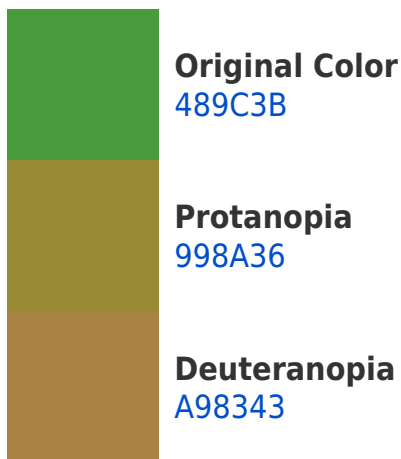


This preview shows how white text looks on a background with the Hex color 489C3B.

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](#).

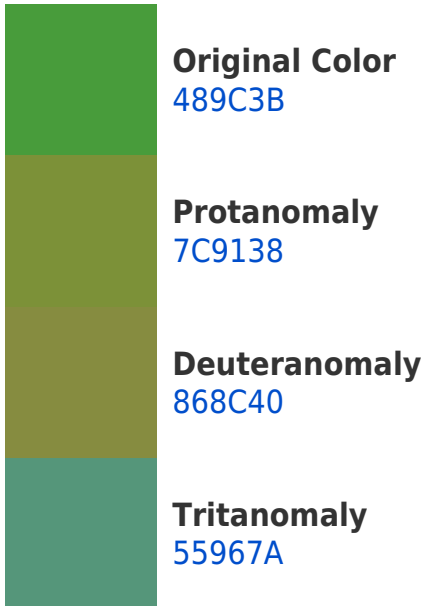
Dichromacy



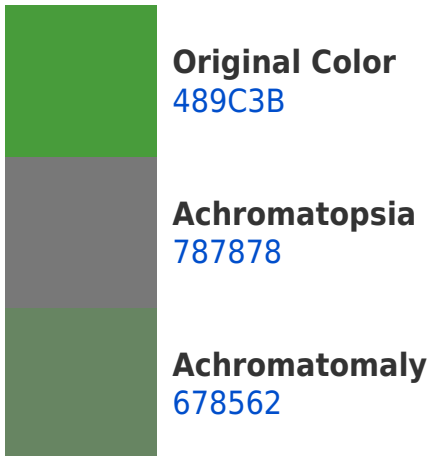


Tritanopia
5C929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 489C3B 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 #489C3B looks like.

```
.text, #text, p{  
    color:#489C3B  
}
```

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 #489C3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #489C3B
}
```

Border

The CSS property to change the border of an element to Hex 489C3B 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
#489C3B }
```

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

```
.border{ border-color:#489C3B }
```

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

Here you see how a box with a 4 pixel #489C3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #489C3B; -webkit-box-shadow:4px 4px  
4px 4px #489C3B; box-shadow:4px 4px 4px  
4px #489C3B }
```

Background

The CSS property to change the background color of an element to Hex 489C3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#489C3B }
```

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

```
.background{ background-color:#489C3B }
```

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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