

Converting Colors

Hex(489B25)

Have a look what the booklet for
Hex(489B25) contains.

Hex(489B25)	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(489B25)

Conversions

Conversions Part 1

Format	Color
Hex	489B25
RGB	72, 155, 37
RGB Percent	28%, 61%, 15%
CMY	0.7176, 0.3922, 0.8549
CMYK	0.54, 0.00, 0.76, 0.39
HSL	102°, 61%, 38%
HSV	102°, 76%, 61%
XYZ	14.7278, 24.9540, 5.7906
YIQ	116.7310, -11.5900, -54.2940

Conversions

Conversions Part 2

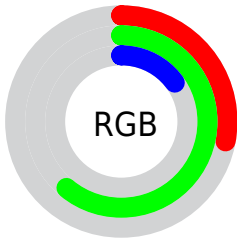
Format	Color
R_{YB}	37, 155, 120
Decimal	4758309
CIE _{Lab}	57.03, -46.23, 50.70
CIE _{LCh}	57, 68.615, 132.358
Yxy	24.9540, 0.3239, 0.5488
Android (android.graphics.Color)	4282948389 (0xFF489B25)
YUV	116.7310, -39.3074, -39.2291
Hunter-Lab	49.9540, -34.7929, 28.0949

Details

The Hex color **489B25** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **78259B**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **81D25B**, and **006700** is the 20% darker color. If you saturate the color by 10%, you get **3D9B16**, and if you desaturate by 10%, it is **539B35**.

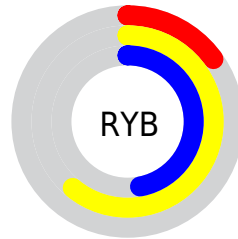
Distribution



Red (28%)

Green (61%)

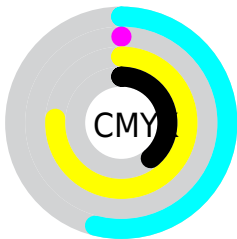
Blue (15%)



Red (15%)

Yellow (61%)

Blue (47%)

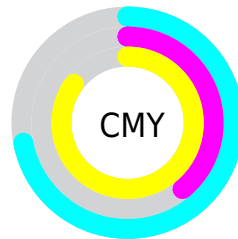


Cyan (54%)

Magenta (0%)

Yellow (76%)

Black (39%)



Cyan (72%)

Magenta (39%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 489B25 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 489B25 by changing the saturation by 10% instead.

 489B25

 489B25

FFFFFF

 298001

 81D25B

 006700

 9DEF75

 004E00

 B9FF90

 003600

 D6FFAB

 002000

 F4FFC8

 000000

 FFFFE4

 489B25

 489B25

 3D9B16

 539B35

 329B06

 5E9B44

 2E9B00

 699B54

 749B63

 7F9B73

 899B82

 949B92

 9F9BA1

 AA9BB0

Harmonies

Analogous

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



8E8E00



489B25



00A262

Triad

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



489B25



0099FB



F34973

Complementary

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



489B25



78259B

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.



E150AF



489B25



1A88FF

Square

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



489B25



00A2D9



AA6DE2



E55E3A

Rectangle

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



489B25



00A48C



AA6DE2



F14787

Sweetspot

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



489B25



A9C99B



9B7825



526649



E6E6E6



666666

Same Dimension

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



489B25



49C912



259B3D



474D45



2A8C00



040D00

Inverse Universe

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



78259B



9312C9



9B2583



4A454D



63008C



09000D

Previews

White Background



This preview shows how the Hex color 489B25 looks on a white background.

Color Contrast Check

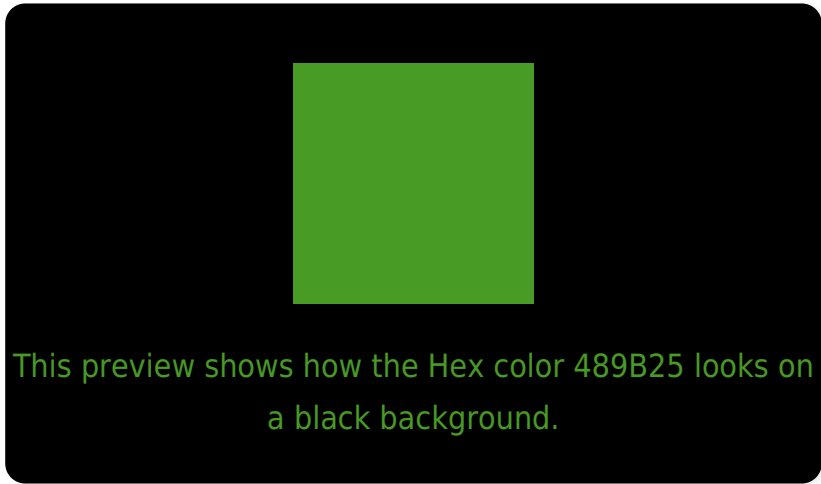
Large Text (above 18pt) WCAG AA ✓ Pass

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 489B25 Background



This preview shows how black text looks on a background with the Hex color 489B25.

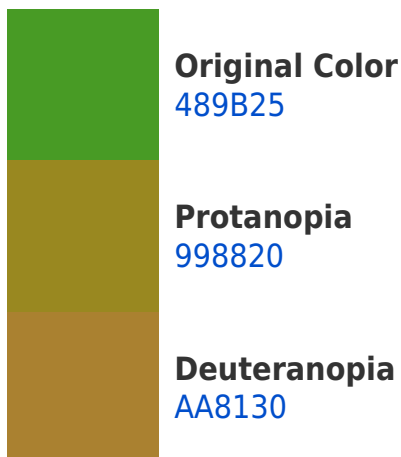


This preview shows how white text looks on a background with the Hex color 489B25.

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
5D909C

Trichromacy



Original Color
489B25

Protanomaly
7C8F22

Deuteranomaly
868A2C

Tritanomaly
559471

Monochromacy



Original Color
489B25

Achromatopsia
757575

Achromatomaly
658358

CSS Examples

Text

The CSS property to change the color of the text to Hex 489B25 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 #489B25 looks like.

```
.text, #text, p{  
    color:#489B25  
}
```

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 #489B25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #489B25
}
```

Border

The CSS property to change the border of an element to Hex 489B25 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
#489B25 }
```

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

```
.border{ border-color:#489B25 }
```

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

Here you see how a box with a 4 pixel #489B25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #489B25; -webkit-box-shadow:4px 4px  
4px 4px #489B25; box-shadow:4px 4px 4px  
4px #489B25 }
```

Background

The CSS property to change the background color of an element to Hex 489B25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#489B25 }
```

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

```
.background{ background-color:#489B25 }
```

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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