

Converting Colors

Hex(489D28)

Have a look what the booklet for
Hex(489D28) contains.

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Color

Hex(489D28)

Conversions

Conversions Part 1

Format	Color
Hex	489D28
RGB	72, 157, 40
RGB Percent	28%, 62%, 16%
CMY	0.7176, 0.3843, 0.8431
CMYK	0.54, 0.00, 0.75, 0.38
HSL	104°, 59%, 39%
HSV	104°, 75%, 62%
XYZ	15.1125, 25.6449, 6.1609
YIQ	118.2470, -13.1030, -54.4070

Conversions

Conversions Part 2

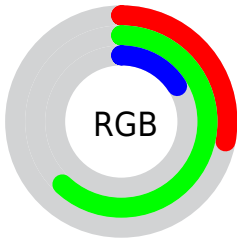
Format	Color
R_{YB}	40, 157, 125
Decimal	4758824
CIE _{Lab}	57.70, -46.79, 50.28
CIE _{LCh}	58, 68.687, 132.939
Yxy	25.6449, 0.3221, 0.5466
Android (android.graphics.Color)	4282948904 (0xFF489D28)
YUV	118.2470, -38.5758, -40.5586
Hunter-Lab	50.6408, -35.3525, 28.2353

Details

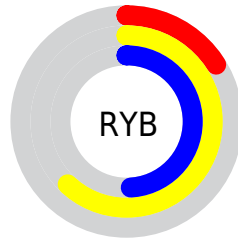
The Hex color **489D28** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **7D289D**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **81D45D**, and **006900** is the 20% darker color. If you saturate the color by 10%, you get **3D9D18**, and if you desaturate by 10%, it is **539D38**.

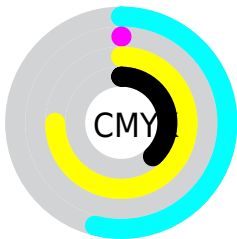
Distribution



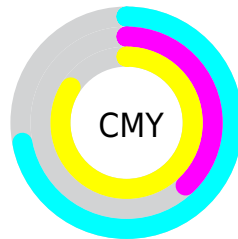
- Red (28%)
- Green (62%)
- Blue (16%)



- Red (16%)
- Yellow (62%)
- Blue (49%)



- Cyan (54%)
- Magenta (0%)
- Yellow (75%)
- Black (38%)



- Cyan (72%)
- Magenta (38%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 489D28 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 489D28 by changing the saturation by 10% instead.



489D28



489D28

FFFFFF



298205



81D45D



006900



9DF178



005000



BAFF93



003800



D7FFAE



002200



F4FFCA



000000



FFFFE7



489D28



489D28



3D9D18



539D38

■ 319D09

■ 5F9D47

■ 2B9D00

■ 6A9D57

■ 769D67

■ 819D77

■ 8C9D86

■ 989D96

■ A39DA6

■ AF9DB5

Harmonies

Analogous

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



8E9000



489D28



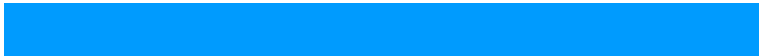
00A465

Triad

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



489D28



009BFE



F54B73

Complementary

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



489D28



7D289D

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.



E452AF



489D28



2789FF

Square

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



489D28



00A4DB



AD6EE3



E7603B

Rectangle

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



489D28



00A68F



AD6EE3



F34987

Sweetspot

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



489D28



ABCC9F



9D7C28



53664B



E6E6E6



666666

Same Dimension

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



489D28



48CC16



289D41



494F47



278F00



040F00

Inverse Universe

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



7D289D



9A16CC



9D2884



4D474F



68008F



0B000F

Previews

White Background



This preview shows how the Hex color 489D28 looks on a white background.

Color Contrast Check

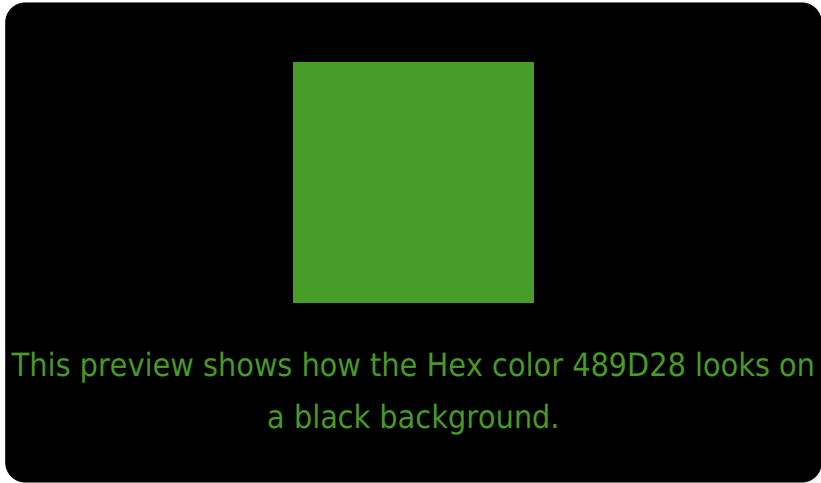
Large Text (above 18pt) WCAG AA ✓ Pass

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

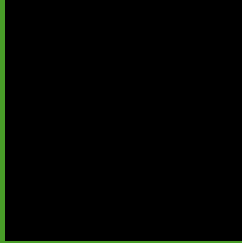
Any Text WCAG AA ✓ Pass

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 489D28 Background



This preview shows how black text looks on a background with the Hex color 489D28.

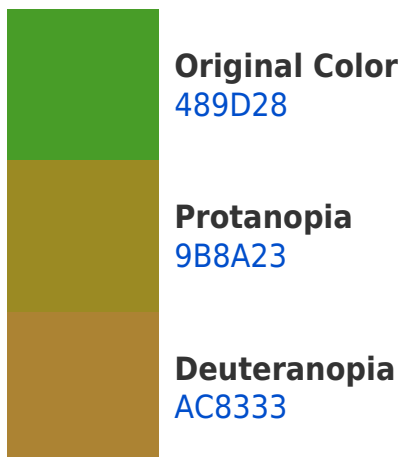


This preview shows how white text looks on a background with the Hex color 489D28.

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
5E929E

Trichromacy



Original Color
489D28

Protanomaly
7D9125

Deuteranomaly
888C2F

Tritanomaly
569673

Monochromacy



Original Color
489D28

Achromatopsia
767676

Achromatomaly
65845A

CSS Examples

Text

The CSS property to change the color of the text to Hex 489D28 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 #489D28 looks like.

```
.text, #text, p{  
    color:#489D28  
}
```

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 #489D28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #489D28
}
```

Border

The CSS property to change the border of an element to Hex 489D28 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
#489D28 }
```

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

```
.border{ border-color:#489D28 }
```

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

Here you see how a box with a 4 pixel #489D28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #489D28; -webkit-box-shadow:4px 4px  
4px 4px #489D28; box-shadow:4px 4px 4px  
4px #489D28 }
```

Background

The CSS property to change the background color of an element to Hex 489D28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#489D28 }
```

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

```
.background{ background-color:#489D28 }
```

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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