

Converting Colors

Hex(489314)

Have a look what the booklet for
Hex(489314) contains.

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Color

Hex(489314)

Conversions

Conversions Part 1

Format	Color
Hex	489314
RGB	72, 147, 20
RGB Percent	28%, 58%, 8%
CMY	0.7176, 0.4235, 0.9216
CMYK	0.51, 0.00, 0.86, 0.42
HSL	95°, 76%, 33%
HSV	95°, 86%, 58%
XYZ	13.2325, 22.2957, 4.2679
YIQ	110.0970, -3.9330, -55.3970

Conversions

Conversions Part 2

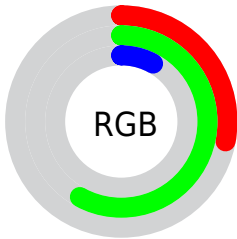
Format	Color
R_{YB}	20, 147, 95
Decimal	4756244
CIE _{Lab}	54.34, -44.04, 53.34
CIE _{LCh}	54, 69.172, 129.550
Yxy	22.2957, 0.3325, 0.5602
Android (android.graphics.Color)	4282946324 (0xFF489314)
YUV	110.0970, -44.4178, -33.4111
Hunter-Lab	47.2183, -32.6091, 27.6938

Details

The Hex color **489314** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5F1493**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **80CA4E**, and **005F00** is the 20% darker color. If you saturate the color by 10%, you get **3F9305**, and if you desaturate by 10%, it is **519323**.

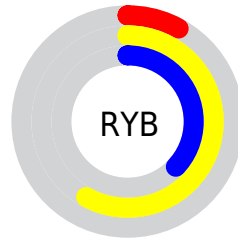
Distribution



Red (28%)

Green (58%)

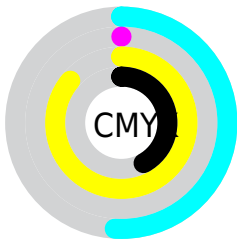
Blue (8%)



Red (8%)

Yellow (58%)

Blue (37%)

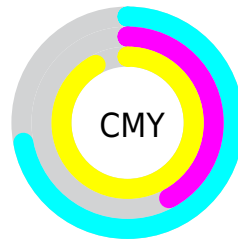


Cyan (51%)

Magenta (0%)

Yellow (86%)

Black (42%)



Cyan (72%)

Magenta (42%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 489314 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 489314 by changing the saturation by 10% instead.

 489314

 489314

FFFFFF

 2A7900

 80CA4E

 005F00

 9CE668

 004700

 B9FF83

 003000

 D6FF9F

 001800

 F3FFBA

 000000

 FFFFD7

 FFFFF4

 489314

 489314

■ 3F9305

■ 519323

■ 3C9300

■ 599331

■ 629340

■ 6B934F

■ 73935E

■ 7C936C

■ 85937B

■ 8D938A

■ 969398

Harmonies

Analogous

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



8B8500



489314



009A56

Triad

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



489314



0094F2



EB3E71

Complementary

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



489314



5F1493

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.



D74AAD



489314



0083F9

Square

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



489314



009BCD



9B69DF



E05338

Rectangle

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



489314



009C7F



9B69DF



E83E85

Sweetspot

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



489314



A2BF8E



935E14



4F6143



E0E0E0



616161

Same Dimension

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



489314



4EBF00



14931F



464A43



388A00



040A00

Inverse Universe

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



5F1493



7100BF



931488



47434A



51008A



06000A

Previews

White Background



This preview shows how the Hex color 489314 looks on a white background.

Color Contrast Check

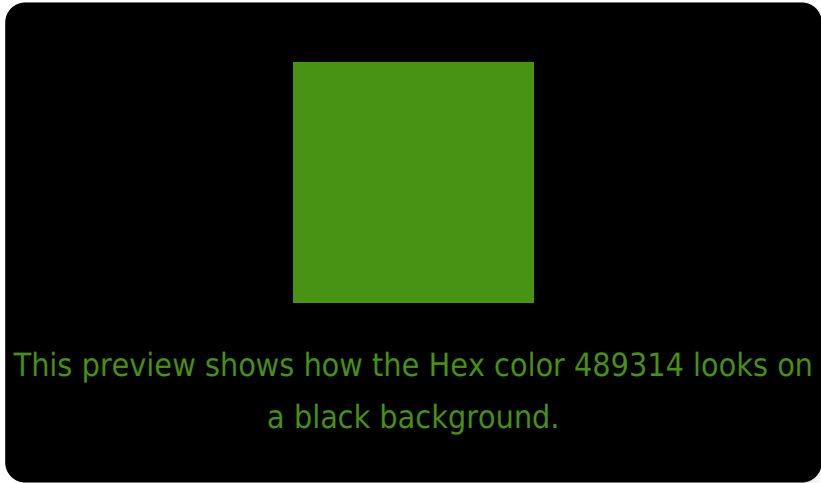
Large Text (above 18pt) WCAG AA ✓ Pass

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 489314 Background



This preview shows how black text looks on a background with the Hex color 489314.



This preview shows how white text looks on a background with the Hex color 489314.

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



Original Color
489314

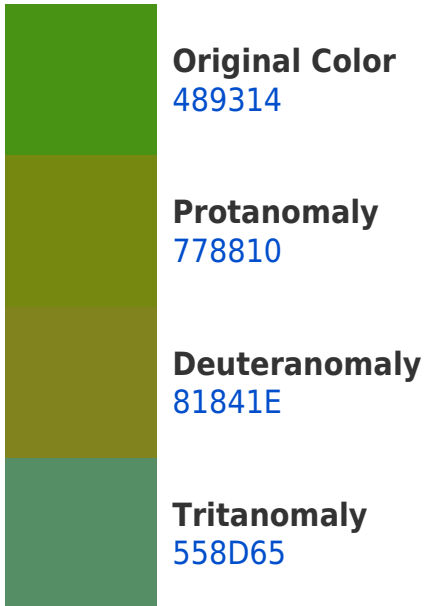
Protanopia
92820E

Deuteranopia
A27B23

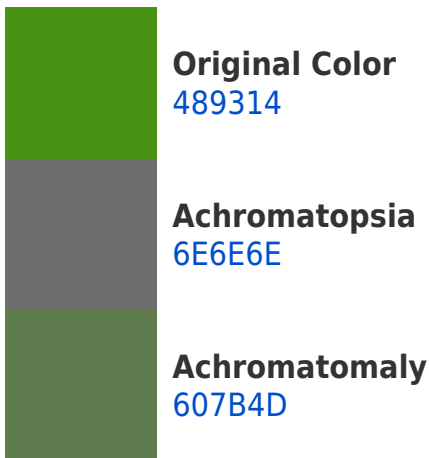


Tritanopia
5C8994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 489314 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 #489314 looks like.

```
.text, #text, p{  
    color:#489314  
}
```

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 #489314 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #489314
}
```

Border

The CSS property to change the border of an element to Hex 489314 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
#489314 }
```

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

```
.border{ border-color:#489314 }
```

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

Here you see how a box with a 4 pixel #489314 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #489314; -webkit-box-shadow:4px 4px  
4px 4px #489314; box-shadow:4px 4px 4px  
4px #489314 }
```

Background

The CSS property to change the background color of an element to Hex 489314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#489314 }
```

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

```
.background{ background-color:#489314 }
```

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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