

# Converting Colors

Decimal(4796700)

Have a look what the booklet for  
Decimal(4796700) contains.

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# Color

**Decimal(4796700)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	49311C
RGB	73, 49, 28
RGB Percent	29%, 19%, 11%
CMY	0.7137, 0.8078, 0.8902
CMYK	0.00, 0.33, 0.62, 0.71
HSL	28°, 45%, 20%
HSV	28°, 62%, 29%
XYZ	4.0556, 3.6969, 1.5984
YIQ	53.7820, 21.0450, -1.4430

# Conversions

## Conversions Part 2

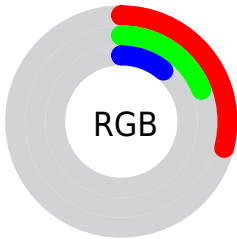
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 67, 28
Decimal	4796700
CIELab	22.64, 8.15, 17.65
CIELCh	23, 19.447, 65.209
Yxy	3.6969, 0.4337, 0.3954
Android (android.graphics.Color)	4282986780 (0xFF49311C)
YUV	53.7820, -12.7105, 16.8542
Hunter-Lab	19.2274, 4.0024, 8.5302

# Details

The Decimal color **4796700** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1848393**, and the grayscale version is **3552822**.

A 20% lighter version of the original color is **8085320**, and **1770240** is the 20% darker color. If you saturate the color by 10%, you get **4795669**, and if you desaturate by 10%, it is **4797731**.

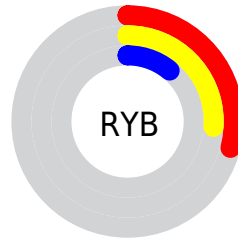
# Distribution



Red (29%)

Green (19%)

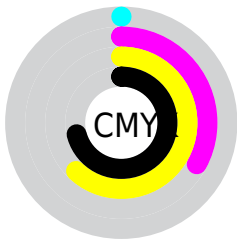
Blue (11%)



Red (29%)

Yellow (26%)

Blue (11%)

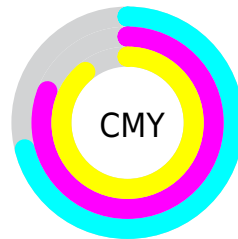


Cyan (0%)

Magenta (33%)

Yellow (62%)

Black (71%)



Cyan (71%)

Magenta (81%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4796700 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 Decimal color 4796700 by changing the saturation by 10% instead.





4796700



4796700

16777215



3283971



8085320



1770240



9861216



0



11637369



13479058



15386541



16769992



16777189



4796700



4796700

■ 4795669

■ 4797731

■ 4794637

■ 4798763

■ 4793606

■ 4799794

■ 4792832

■ 4800825

■ 4801601

■ 4802632

■ 4803663

■ 4804694

■ 4805726

# Harmonies

## Analogous

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



5319718



4796700



4011545

# Triad

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



4796700



15928



3879246

# Complementary

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



4796700



1848393

# 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.



2373459



4796700



15686

# Square

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



4796700



1785129



146256



4860994

# Rectangle

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



4796700



3356955



146256



3421008



# Sweetspot

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



4796700



6182221



4791348



3156774



11579568



3158064



# Same Dimension

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



4796700



6175001



4802588



2368032



6499840



14903808



# Inverse Universe

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



1848393



1654366



1842505



2105892



13667



31203



# Previews

## White Background



This preview shows how the Decimal color 4796700 looks on a white background.

## Color Contrast Check

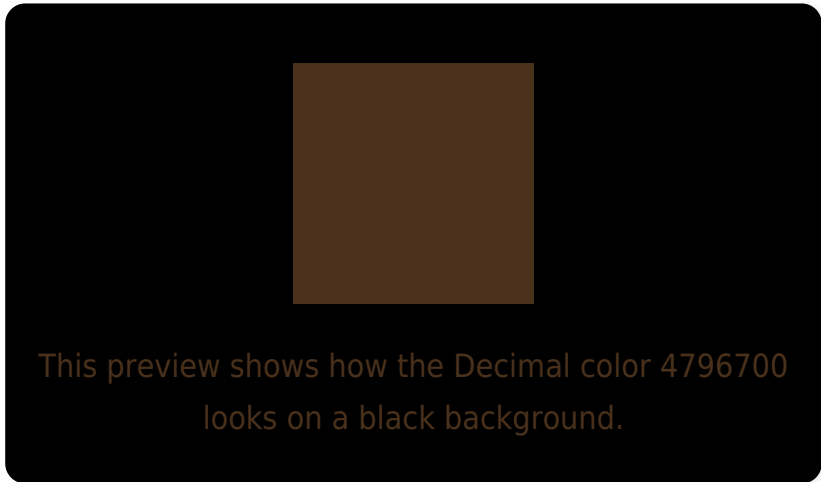
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

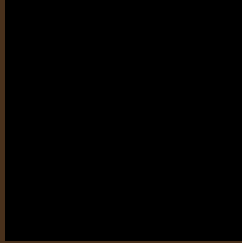
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4796700 Background



This preview shows how black text looks on a background with the Decimal color 4796700.

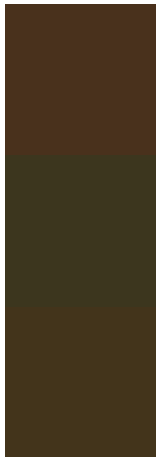


This preview shows how white text looks on a background with the Decimal color 4796700.

# 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**  
4796700

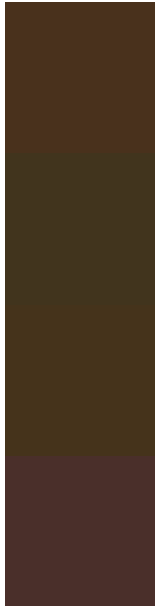
**Protanopia**  
3946014

**Deuteranopia**  
4404251



**Tritanopia**  
4927026

# Trichromacy



**Original Color**

4796700

**Protanomaly**

4273181

**Deuteranomaly**

4535067

**Tritanomaly**

4861738

# Monochromacy



**Original Color**

4796700

**Achromatopsia**

3552822

**Achromatomaly**

4011053

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4796700 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 #49311C looks like.

```
.text, #text, p{  
    color:#49311C  
}
```

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 #49311C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49311C
}
```

## Border

The CSS property to change the border of an element to Decimal 4796700 is called "border". The border property can be set on classes, ids or directly on the HTML element.

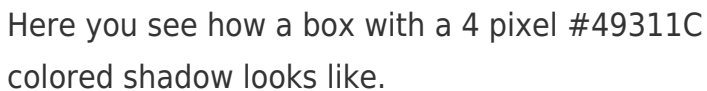
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49311C }
```

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

```
.border{ border-color:#49311C }
```

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



Here you see how a box with a 4 pixel #49311C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49311C; -webkit-box-shadow:4px 4px  
4px 4px #49311C; box-shadow:4px 4px 4px  
4px #49311C }
```

# Background

The CSS property to change the background color of an element to Decimal 4796700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49311C }
```

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

```
.background{ background-color:#49311C }
```

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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