

Converting Colors

Decimal(4726316)

Have a look what the booklet for
Decimal(4726316) contains.

Decimal(4726316)	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

Decimal(4726316)

Conversions

Conversions Part 1

Format	Color
Hex	481E2C
RGB	72, 30, 44
RGB Percent	28%, 12%, 17%
CMY	0.7176, 0.8824, 0.8275
CMYK	0.00, 0.58, 0.39, 0.72
HSL	340°, 41%, 20%
HSV	340°, 58%, 28%
XYZ	3.5914, 2.4881, 2.6738
YIQ	44.1540, 20.5380, 13.2580

Conversions

Conversions Part 2

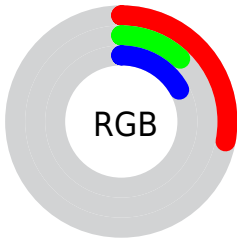
Format	Color
R_{YB}	72, 30, 44
Decimal	4726316
CIE _{Lab}	17.86, 21.81, 0.25
CIE _{LCh}	18, 21.814, 0.669
Yxy	2.4881, 0.4103, 0.2842
Android (android.graphics.Color)	4282916396 (0xFF481E2C)
YUV	44.1540, -0.0759, 24.4209
Hunter-Lab	15.7738, 13.0370, 0.9913




Details

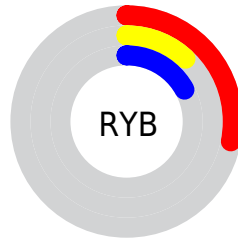
The Decimal color **4726316** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1984570**, and the grayscale version is **2894892**.




A 20% lighter version of the original color is **8014937**, and **1638401** is the 20% darker color. If you saturate the color by 10%, you get **4724519**, and if you desaturate by 10%, it is **4728113**.

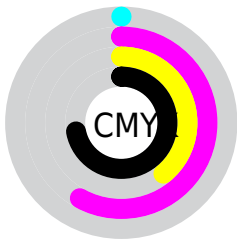
Distribution







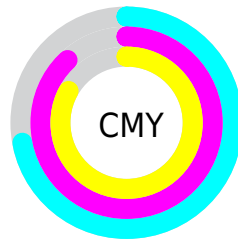
-  Red (28%)
-  Green (12%)
-  Blue (17%)






-  Red (28%)
-  Yellow (12%)
-  Blue (17%)



-  Cyan (0%)
-  Magenta (58%)
-  Yellow (39%)
-  Black (72%)



-  Cyan (72%)
-  Magenta (88%)
-  Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4726316 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 4726316 by changing the saturation by 10% instead.



4726316



4726316

16777215



3147800



8014937



1638401



9790578



0



11566475



13408166



15250113



16764637



16771833



4726316



4726316

■ 4724519

■ 4728113

■ 4722722

■ 4729910

■ 4720670

■ 4731962

■ 4718873

■ 4733759

■ 4718616

■ 4735556

■ 4737353

■ 4739150

■ 4741202

■ 4742999

Harmonies

Analogous

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



4137275



4726316



4726813

Triad

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



4726316



2371343



12615

Complementary

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



4726316



1984570

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.



13115



4726316



995868

Square

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



4726316



3418889



13100



798027

Rectangle

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



4726316



4465428



13100



12868

Sweetspot

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



4726316



6180179



3808840



3155497



11579568



3158064

Same Dimension

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



4726316



6167602



4728094



2367521



6488097



14876748

Inverse Universe

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



4726316



6167602



1982792



2367521



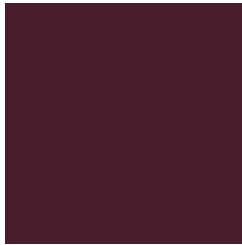
6488097



14876748

Previews

White Background



This preview shows how the Decimal color 4726316 looks on a white background.

Color Contrast Check

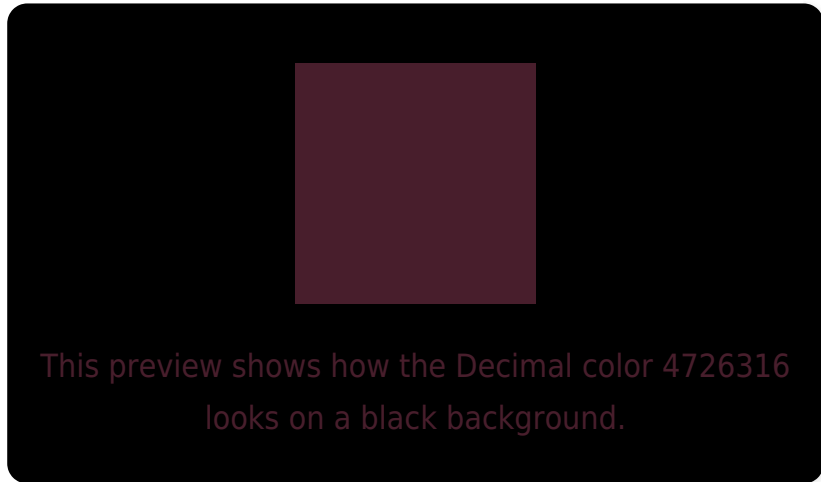
Large Text (above 18pt) WCAG AA ✓ Pass

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

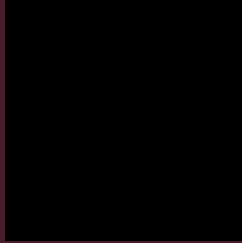
Any Text WCAG AA × Fail

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 4726316 Background



This preview shows how black text looks on a background with the Decimal color 4726316.



This preview shows how white text looks on a background with the Decimal color 4726316.

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
4726316

Protanopia
2829365

Deuteranopia
3287850



Tritanopia
4661282

Trichromacy



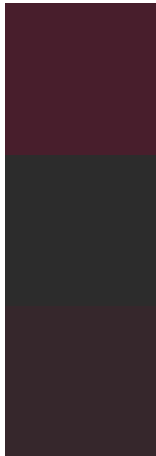
Original Color
4726316

Protanomaly
3548978

Deuteranomaly
3810859

Tritanomaly
4661030

Monochromacy



Original Color
4726316

Achromatopsia
2894892

Achromatomaly
3548972

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4726316 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 #481E2C looks like.

```
.text, #text, p{  
    color:#481E2C  
}
```

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 #481E2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #481E2C
}
```

Border

The CSS property to change the border of an element to Decimal 4726316 is called "border". The border property can be set on classes, ids or directly on the HTML element.

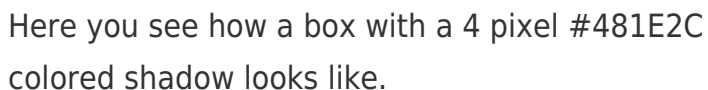
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#481E2C }
```

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

```
.border{ border-color:#481E2C }
```

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



Here you see how a box with a 4 pixel #481E2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #481E2C; -webkit-box-shadow:4px 4px  
4px 4px #481E2C; box-shadow:4px 4px 4px  
4px #481E2C }
```

Background

The CSS property to change the background color of an element to Decimal 4726316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#481E2C }
```

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

```
.background{ background-color:#481E2C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor