

Converting Colors

Decimal(4735006)

Have a look what the booklet for
Decimal(4735006) contains.

Decimal(4735006)	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(4735006)

Conversions

Conversions Part 1

Format	Color
Hex	48401E
RGB	72, 64, 30
RGB Percent	28%, 25%, 12%
CMY	0.7176, 0.7490, 0.8824
CMYK	0.00, 0.11, 0.58, 0.72
HSL	49°, 41%, 20%
HSV	49°, 58%, 28%
XYZ	4.7402, 5.1382, 1.9702
YIQ	62.5160, 15.6820, -8.8780

Conversions

Conversions Part 2

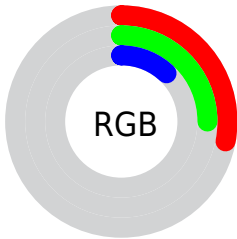
Format	Color
RYB	40, 72, 30
Decimal	4735006
CIELab	27.13, -1.84, 21.85
CIELCh	27, 21.924, 94.812
Yxy	5.1382, 0.4001, 0.4337
Android (android.graphics.Color)	4282925086 (0xFF48401E)
YUV	62.5160, -16.0304, 8.3175
Hunter-Lab	22.6677, -2.3409, 10.7140

Details

The Decimal color **4735006** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1975880**, and the grayscale version is **4144959**.

A 20% lighter version of the original color is **8024139**, and **1775104** is the 20% darker color. If you saturate the color by 10%, you get **4734743**, and if you desaturate by 10%, it is **4735269**.

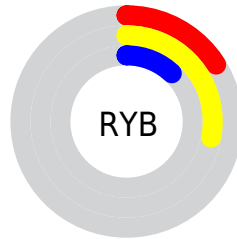
Distribution



 Red (28%)

 Green (25%)

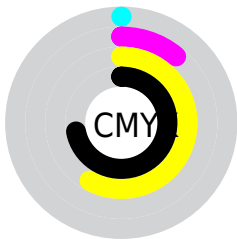
 Blue (12%)



 Red (16%)

 Yellow (28%)

 Blue (12%)

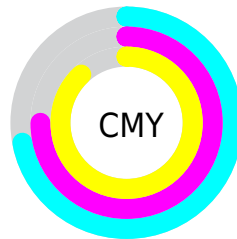


 Cyan (0%)

 Magenta (11%)

 Yellow (58%)

 Black (72%)



 Cyan (72%)

 Magenta (75%)

 Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4735006 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 4735006 by changing the saturation by 10% instead.



4735006



4735006

16777215



3222023



8024139



1775104



9734499



0



11510652



13352598



15194801



16774860



16777193



4735006



4735006

■ 4734743

■ 4735269

■ 4734224

■ 4735788

■ 4733960

■ 4736052

■ 4733697

■ 4736315

■ 4733440

■ 4736834

■ 4737097

■ 4737616

■ 4737880

■ 4738143

Harmonies

Analogous

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



5650978



4735006



3556644

Triad

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



4735006



18515



5715279

Complementary

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



4735006



1975880

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.



4537180



4735006



18014

Square

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



4735006



18754



2769249



6304318

Rectangle

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



4735006



2705196



2769249



5388116

Sweetspot

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



4735006



6183757



4726310



3157542



11579568



3158064

Same Dimension

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



4735006



6181404



3885086



2368288



6508800



14923776

Inverse Universe

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



1975880



1845598



2825800



2105636



4963



11235

Previews

White Background



This preview shows how the Decimal color 4735006 looks on a white background.

Color Contrast Check

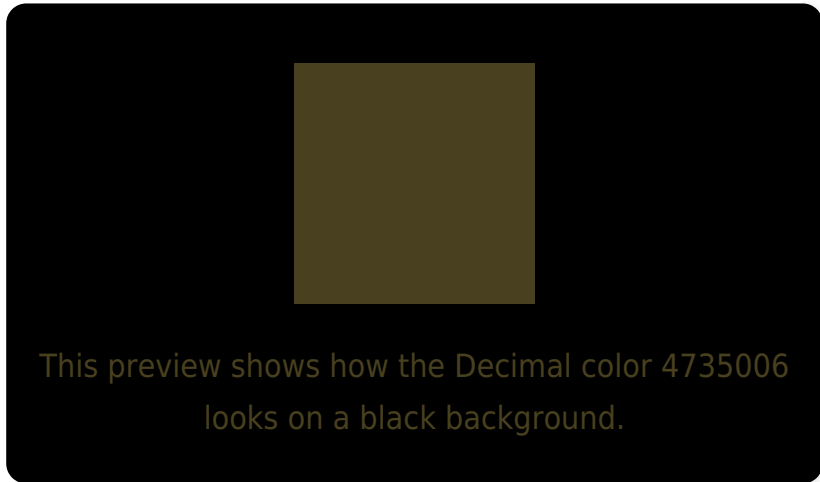
Large Text (above 18pt) WCAG AA ✓ Pass

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

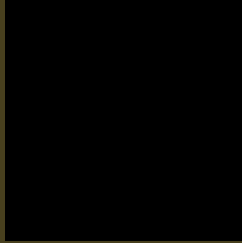
Any Text WCAG AA × Fail

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 4735006 Background



This preview shows how black text looks on a background with the Decimal color 4735006.



This preview shows how white text looks on a background with the Decimal color 4735006.

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
4735006

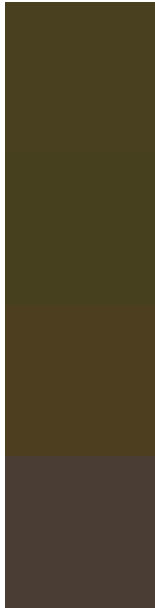
Protanopia
4669470

Deuteranopia
5192991



Tritanopia
4930625

Trichromacy



Original Color
4735006

Protanomaly
4669470

Deuteranomaly
4996639

Tritanomaly
4865332

Monochromacy



Original Color
4735006

Achromatopsia
4144959

Achromatomaly
4341555

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4735006 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 #48401E looks like.

```
.text, #text, p{  
    color:#48401E  
}
```

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 #48401E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48401E
}
```

Border

The CSS property to change the border of an element to Decimal 4735006 is called "border". The border property can be set on classes, ids or directly on the HTML element.

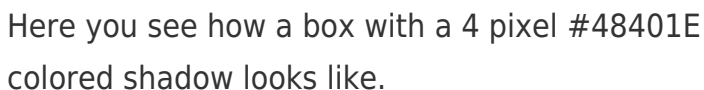
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#48401E }
```

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

```
.border{ border-color:#48401E }
```

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



Here you see how a box with a 4 pixel #48401E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48401E; -webkit-box-shadow:4px 4px  
4px 4px #48401E; box-shadow:4px 4px 4px  
4px #48401E }
```

Background

The CSS property to change the background color of an element to Decimal 4735006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48401E }
```

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

```
.background{ background-color:#48401E }
```

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