

Converting Colors

Decimal(4800309)

Have a look what the booklet for
Decimal(4800309) contains.

| | |
|--|----|
| Decimal(4800309) | 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(4800309)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 493F35 |
| RGB | 73, 63, 53 |
| RGB Percent | 29%, 25%, 21% |
| CMY | 0.7137, 0.7529, 0.7922 |
| CMYK | 0.00, 0.14, 0.27, 0.71 |
| HSL | 30°, 16%, 25% |
| HSV | 30°, 27%, 29% |
| XYZ | 5.1678, 5.2285, 4.1050 |
| YIQ | 64.8500, 9.1700, -0.9900 |

Conversions

Conversions Part 2

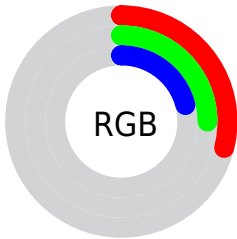
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 73, 73, 53 |
| Decimal | 4800309 |
| CIE Lab | 27.38, 2.45, 7.72 |
| CIE LCh | 27, 8.104, 72.378 |
| Yxy | 5.2285, 0.3564, 0.3606 |
| Android (android.graphics.Color) | 4282990389 (0xFF493F35) |
| YUV | 64.8500, -5.8420, 7.1476 |
| Hunter-Lab | 22.8660, 0.3260, 5.3622 |

Details

The Decimal color **4800309** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3489609**, and the grayscale version is **4276545**.

A 20% lighter version of the original color is **8023908**, and **1971464** is the 20% darker color. If you saturate the color by 10%, you get **4799278**, and if you desaturate by 10%, it is **4801340**.

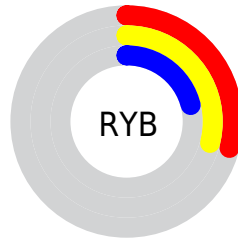
Distribution



Red (29%)

Green (25%)

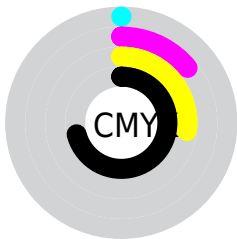
Blue (21%)



Red (29%)

Yellow (29%)

Blue (21%)

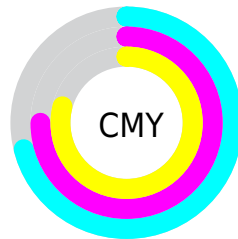


Cyan (0%)

Magenta (14%)

Yellow (27%)

Black (71%)



Cyan (71%)

Magenta (75%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4800309 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 4800309 by changing the saturation by 10% instead.



4800309



4800309

16777215



3287328



8023908



1971464



9734268



0



11444886



13286833



15129036



16774633



4800309



4800309



4799278



4801340

■ 4798502

■ 4802116

■ 4797471

■ 4803147

■ 4796440

■ 4804178

■ 4795665

■ 4804954

■ 4794633

■ 4805985

■ 4793602

■ 4807016

■ 4793600

■ 4807791

■ 4808823

Harmonies

Analogous

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



5061945



4800309



4407605

Triad

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



4800309



3228739



4537930

Complementary

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



4800309



3489609

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.



4014157



4800309



3228745

Square

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



4800309



3490877



3555916



4930885

Rectangle

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



4800309



4080182



3555916



4341579

Sweetspot

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



4800309



6183767



4797759



3157548



11579568



3158064

Same Dimension

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



4800309



6180671



4802869



2368032



6500864



14905600

Inverse Universe

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



3489609



4149086



3487049



2105892



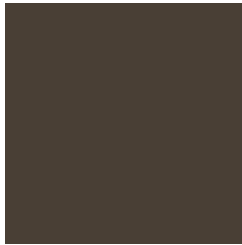
12899



29155

Previews

White Background



This preview shows how the Decimal color 4800309 looks on a white background.

Color Contrast Check

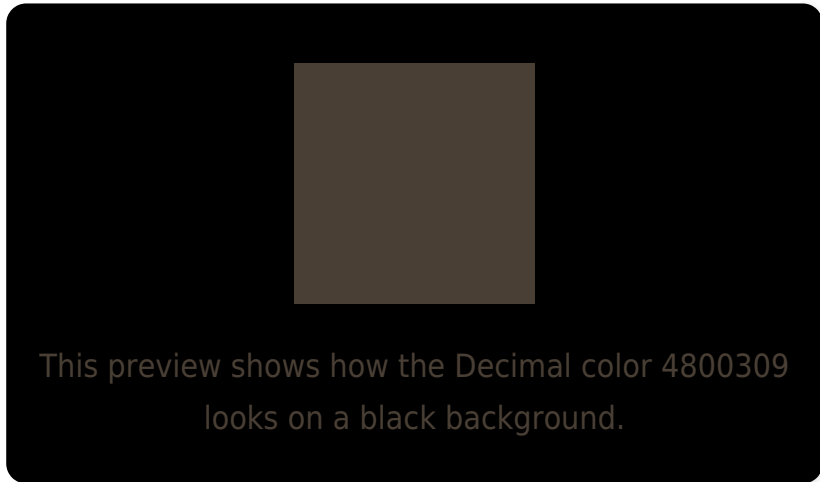
Large Text (above 18pt) WCAG AA ✓ Pass

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

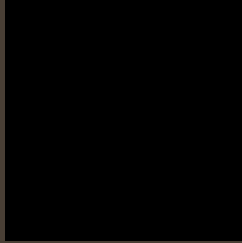
Any Text WCAG AA × Fail

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 4800309 Background



This preview shows how black text looks on a background with the Decimal color 4800309.

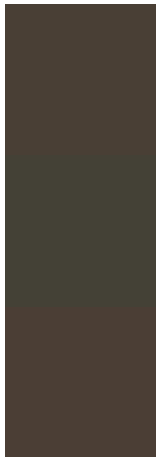


This preview shows how white text looks on a background with the Decimal color 4800309.

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

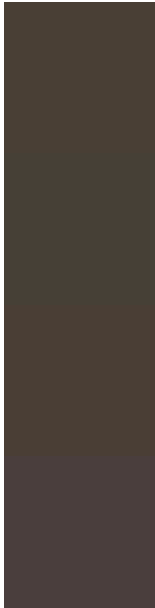


Original Color
4800309

Protanopia
4473142

Deuteranopia
4931125

Trichromacy



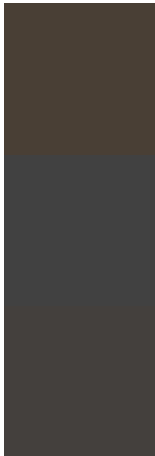
Original Color
4800309

Protanomaly
4603958

Deuteranomaly
4865589

Tritanomaly
4865597

Monochromacy



Original Color
4800309

Achromatopsia
4276545

Achromatomaly
4472893

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4800309 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 #493F35 looks like.

```
.text, #text, p{  
    color:#493F35  
}
```

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 #493F35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #493F35
}
```

Border

The CSS property to change the border of an element to Decimal 4800309 is called "border". The border property can be set on classes, ids or directly on the HTML element.

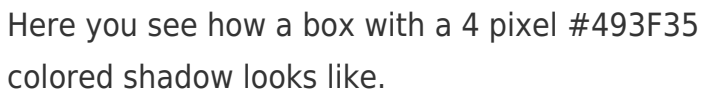
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#493F35 }
```

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

```
.border{ border-color:#493F35 }
```

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



Here you see how a box with a 4 pixel #493F35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #493F35; -webkit-box-shadow:4px 4px  
4px 4px #493F35; box-shadow:4px 4px 4px  
4px #493F35 }
```

Background

The CSS property to change the background color of an element to Decimal 4800309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#493F35 }
```

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

```
.background{ background-color:#493F35 }
```

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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