

Converting Colors

Decimal(4669233)

Have a look what the booklet for
Decimal(4669233) contains.

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Color

Decimal(4669233)

Conversions

Conversions Part 1

Format	Color
Hex	473F31
RGB	71, 63, 49
RGB Percent	28%, 25%, 19%
CMY	0.7216, 0.7529, 0.8078
CMYK	0.00, 0.11, 0.31, 0.72
HSL	38°, 18%, 24%
HSV	38°, 31%, 28%
XYZ	4.9304, 5.1164, 3.6334
YIQ	63.7960, 9.2620, -2.6580

Conversions

Conversions Part 2

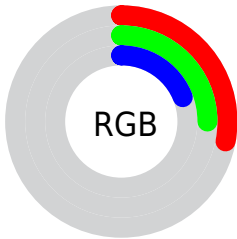
Format	Color
R_{YB}	62, 71, 49
Decimal	4669233
CIE Lab	27.06, 0.85, 9.86
CIE LCh	27, 9.895, 85.046
Yxy	5.1164, 0.3604, 0.3740
Android (android.graphics.Color)	4282859313 (0xFF473F31)
YUV	63.7960, -7.2944, 6.3179
Hunter-Lab	22.6194, -0.6757, 6.3096

Details

The Decimal color **4669233** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3225927**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **7892831**, and **1840386** is the 20% darker color. If you saturate the color by 10%, you get **4668458**, and if you desaturate by 10%, it is **4670008**.

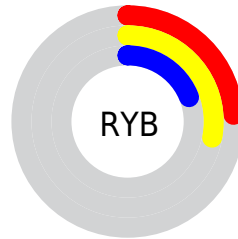
Distribution



Red (28%)

Green (25%)

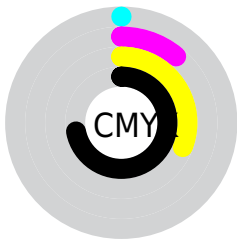
Blue (19%)



Red (24%)

Yellow (28%)

Blue (19%)

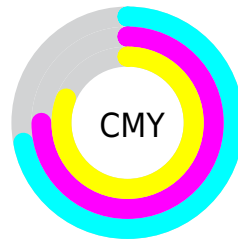


Cyan (0%)

Magenta (11%)

Yellow (31%)

Black (72%)



Cyan (72%)

Magenta (75%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4669233 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 4669233 by changing the saturation by 10% instead.



4669233



4669233

16777215



3156252



7892831



1840386



9603192



0



11313810



13155756



14997960



16774628



4669233



4669233



4668458



4670008

■ 4667939

■ 4670527

■ 4667164

■ 4671302

■ 4666645

■ 4671821

■ 4665869

■ 4672597

■ 4665350

■ 4673116

■ 4664576

■ 4673891

■ 4674666

■ 4675185

Harmonies

Analogous

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



5061940



4669233



4145458

Triad

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



4669233



2835526



4799561

Complementary

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



4669233



3225927

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.



4210254



4669233



3031884

Square

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



4669233



3097662



3555663



5126977

Rectangle

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



4669233



3752757



3555663



4603211

Sweetspot

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



4669233



6052180



4665657



3025961



11382189



3026478

Same Dimension

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



4669233



6049594



4474673



2368032



6504192



14913536

Inverse Universe

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



3225927



3819100



3420487



2105636



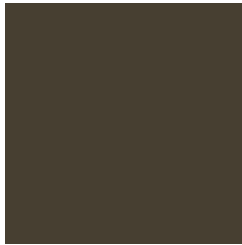
9315



21475

Previews

White Background



This preview shows how the Decimal color 4669233 looks on a white background.

Color Contrast Check

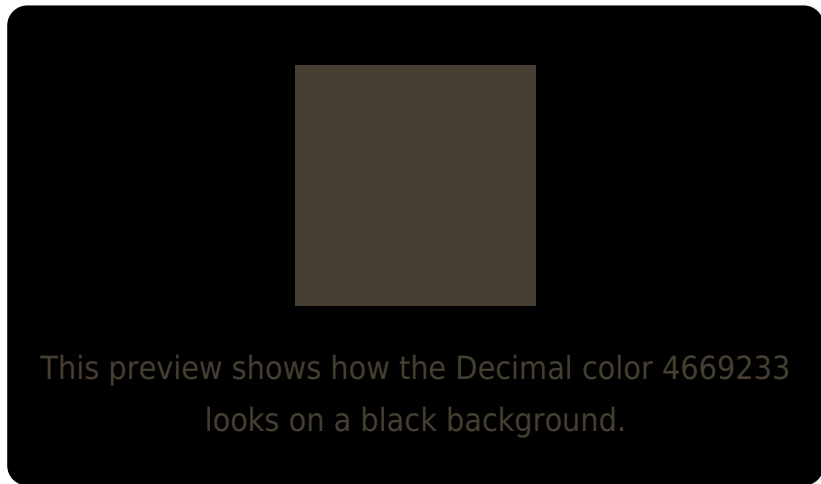
Large Text (above 18pt) WCAG AA ✓ Pass

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

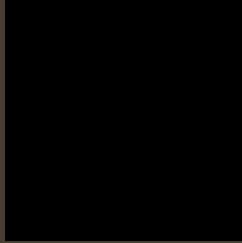
Any Text WCAG AA × Fail

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 4669233 Background



This preview shows how black text looks on a background with the Decimal color 4669233.

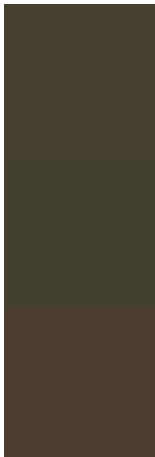


This preview shows how white text looks on a background with the Decimal color 4669233.

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](#).

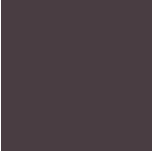
Dichromacy



Original Color
4669233

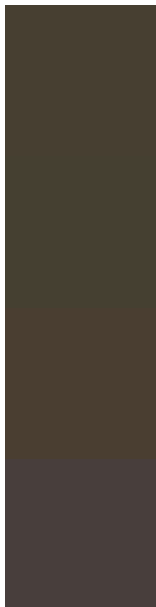
Protanopia
4472881

Deuteranopia
4930865



Tritanopia
4799810

Trichromacy



Original Color

4669233

Protanomaly

4538417

Deuteranomaly

4865585

Tritanomaly

4734524

Monochromacy



Original Color

4669233

Achromatopsia

4210752

Achromatomaly

4407355

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4669233 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 #473F31 looks like.

```
.text, #text, p{  
    color:#473F31  
}
```

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 #473F31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #473F31
}
```

Border

The CSS property to change the border of an element to Decimal 4669233 is called "border". The border property can be set on classes, ids or directly on the HTML element.

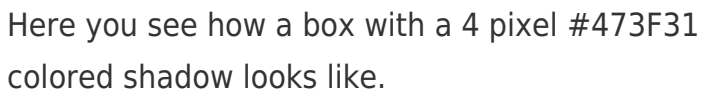
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#473F31 }
```

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

```
.border{ border-color:#473F31 }
```

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



Here you see how a box with a 4 pixel #473F31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #473F31; -webkit-box-shadow:4px 4px  
4px 4px #473F31; box-shadow:4px 4px 4px  
4px #473F31 }
```

Background

The CSS property to change the background color of an element to Decimal 4669233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#473F31 }
```

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

```
.background{ background-color:#473F31 }
```

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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