

Converting Colors

Decimal(4080447)

Have a look what the booklet for
Decimal(4080447) contains.

Decimal(4080447)	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(4080447)

Conversions

Conversions Part 1

Format	Color
Hex	3E433F
RGB	62, 67, 63
RGB Percent	24%, 26%, 25%
CMY	0.7569, 0.7373, 0.7529
CMYK	0.07, 0.00, 0.06, 0.74
HSL	132°, 4%, 25%
HSV	132°, 7%, 26%
XYZ	4.8910, 5.3973, 5.4866
YIQ	65.0490, -1.6960, -2.3040

Conversions

Conversions Part 2

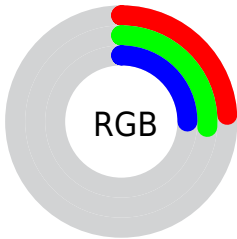
Format	Color
RYB	62, 66, 67
Decimal	4080447
CIELab	27.84, -2.98, 1.71
CIELCh	28, 3.438, 150.151
Yxy	5.3973, 0.3100, 0.3421
Android (android.graphics.Color)	4282270527 (0xFF3E433F)
YUV	65.0490, -1.0102, -2.6740
Hunter-Lab	23.2321, -3.0774, 2.2602

Details

The Decimal color **4080447** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4406850**, and the grayscale version is **4276545**.

A 20% lighter version of the original color is **7172975**, and **1316885** is the 20% darker color. If you saturate the color by 10%, you get **3621690**, and if you desaturate by 10%, it is **4539204**.

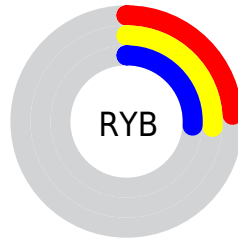
Distribution



Red (24%)

Green (26%)

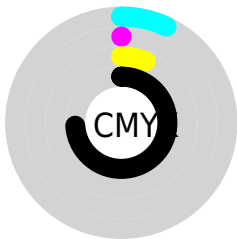
Blue (25%)



Red (24%)

Yellow (26%)

Blue (26%)

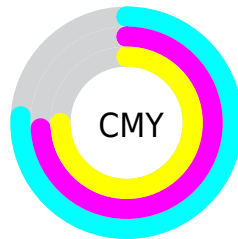


Cyan (7%)

Magenta (0%)

Yellow (6%)

Black (74%)



Cyan (76%)

Magenta (74%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4080447 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 4080447 by changing the saturation by 10% instead.



4080447



4080447

16777215



2633001



7172975



1316885



8883336



0



10594210



12370621



14212825



16055029



4080447



4080447



3621690



4539204

■ 3228468

■ 4932426

■ 2769711

■ 5391183

■ 2310954

■ 5849940

■ 1917732

■ 6308698

■ 1458975

■ 6701919

■ 1000217

■ 7160677

■ 541460

■ 7619434

■ 148239

■ 8012655

Harmonies

Analogous

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



4276797



4080447



3949378

Triad

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



4080447



4145735



4735039

Complementary

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



4080447



4406850

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.



4669506



4080447



4342086

Square

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



4080447



3949382



4538436



4604221

Rectangle

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



4080447



3883843



4538436



4735040

Sweetspot

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



4080447



5592917



4342590



2763563



11250603



2829099

Same Dimension

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



4080447



5199696



4080450



1974558



24851



57389

Inverse Universe

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



4406850



5721941



4406848



2170400



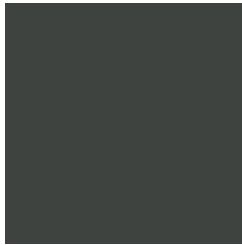
6357070



14680244

Previews

White Background



This preview shows how the Decimal color 4080447 looks on a white background.

Color Contrast Check

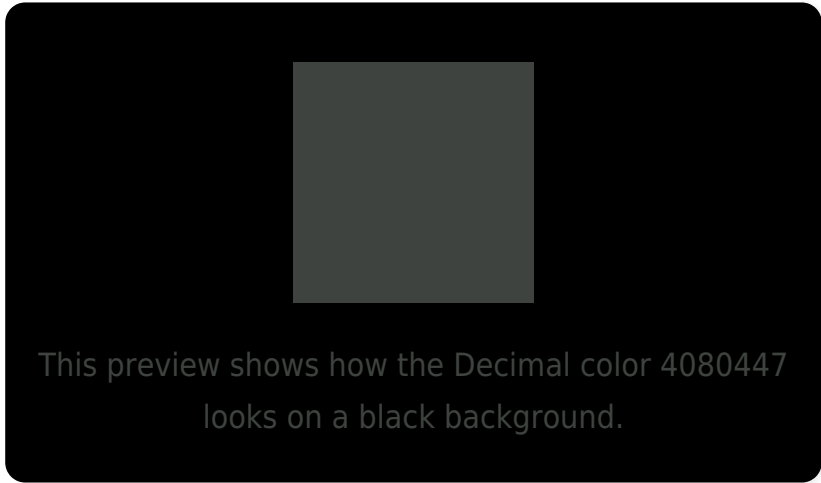
Large Text (above 18pt) WCAG AA ✓ Pass

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

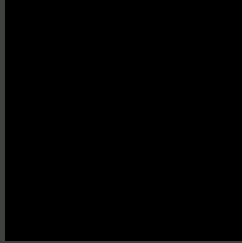
Any Text WCAG AA × Fail

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 4080447 Background



This preview shows how black text looks on a background with the Decimal color 4080447.



This preview shows how white text looks on a background with the Decimal color 4080447.

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](#).

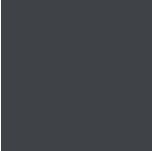
Dichromacy



Original Color
4080447

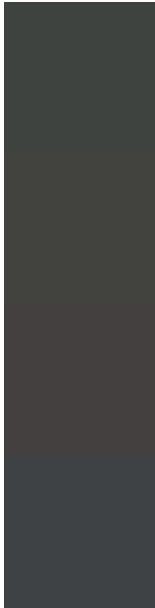
Protanopia
4473150

Deuteranopia
4800320



Tritanopia
4145735

Trichromacy



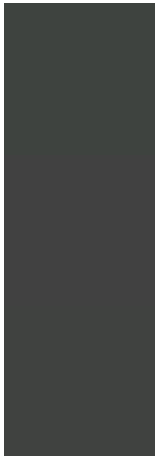
Original Color
4080447

Protanomaly
4342334

Deuteranomaly
4538432

Tritanomaly
4145732

Monochromacy



Original Color
4080447

Achromatopsia
4276545

Achromatomaly
4211264

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4080447 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 #3E433F looks like.

```
.text, #text, p{  
  color:#3E433F  
}
```

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 #3E433F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E433F
}
```

Border

The CSS property to change the border of an element to Decimal 4080447 is called "border". The border property can be set on classes, ids or directly on the HTML element.

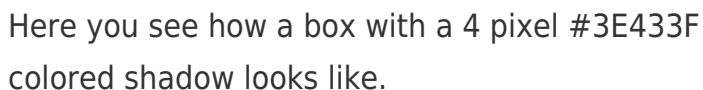
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E433F }
```

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

```
.border{ border-color:#3E433F }
```

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



Here you see how a box with a 4 pixel #3E433F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E433F; -webkit-box-shadow:4px 4px  
4px 4px #3E433F; box-shadow:4px 4px 4px  
4px #3E433F }
```

Background

The CSS property to change the background color of an element to Decimal 4080447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E433F }
```

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

```
.background{ background-color:#3E433F }
```

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