

# Converting Colors

Decimal(4736579)

Have a look what the booklet for  
Decimal(4736579) contains.

<b>Decimal(4736579)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(4736579)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	484643
RGB	72, 70, 67
RGB Percent	28%, 27%, 26%
CMY	0.7176, 0.7255, 0.7373
CMYK	0.00, 0.03, 0.07, 0.72
HSL	36°, 4%, 27%
HSV	36°, 7%, 28%
XYZ	5.8758, 6.1633, 6.1901
YIQ	70.2560, 2.1550, -0.5090

# Conversions

## Conversions Part 2

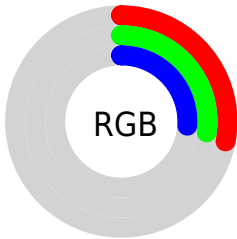
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 72, 67
Decimal	4736579
CIE Lab	29.82, 0.20, 2.10
CIE LCh	30, 2.108, 84.575
Yxy	6.1633, 0.3223, 0.3381
Android (android.graphics.Color)	4282926659 (0xFF484643)
YUV	70.2560, -1.6052, 1.5295
Hunter-Lab	24.8260, -1.1984, 2.5947

# Details

The Decimal color **4736579** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4408648**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **7894643**, and **1907480** is the 20% darker color. If you saturate the color by 10%, you get **4735804**, and if you desaturate by 10%, it is **4737354**.

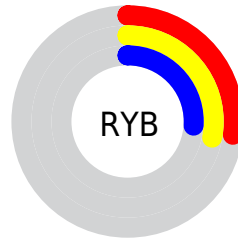
# Distribution



Red (28%)

Green (27%)

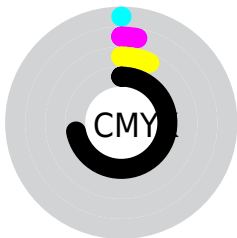
Blue (26%)



Red (27%)

Yellow (28%)

Blue (26%)

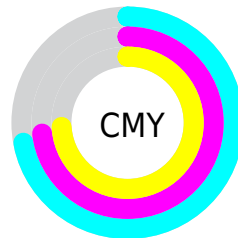


Cyan (0%)

Magenta (3%)

Yellow (7%)

Black (72%)



Cyan (72%)

Magenta (73%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4736579 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 4736579 by changing the saturation by 10% instead.



■ 4736579

■ 4736579

16777215

■ 3289133

■ 7894643

■ 1907480

■ 9605260

■ 0

■ 11381415

■ 13158082

■ 15000286

■ 16776954

■ 4736579

■ 4736579

■ 4735804

■ 4737354

■ 4735029

■ 4738129

■ 4734253

■ 4738905

■ 4733478

■ 4739680

■ 4732959

■ 4740199

■ 4732184

■ 4740974

■ 4731409

■ 4741749

■ 4730633

■ 4742525

■ 4729858

■ 4743300

# Harmonies

## Analogous

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



4802116



4736579



4605763

# Triad

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



4736579



4343624



4736328

# Complementary

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



4736579



4408648

# 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.



4605513



4736579



4409161

# Square

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



4736579



4409158



4474441



4801863

# Rectangle

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



4736579



4540228



4474441



4736585



# Sweetspot

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



4736579



6184540



4735813



3158063



11579568



3158064



# Same Dimension

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



4736579



6183767



4737091



2368032



6503424



14911488



# Inverse Universe

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



4408648



5724766



4473672



2105892



10339

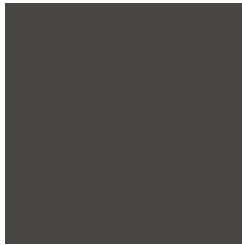


23523



# Previews

## White Background



This preview shows how the Decimal color 4736579 looks on a white background.

## Color Contrast Check

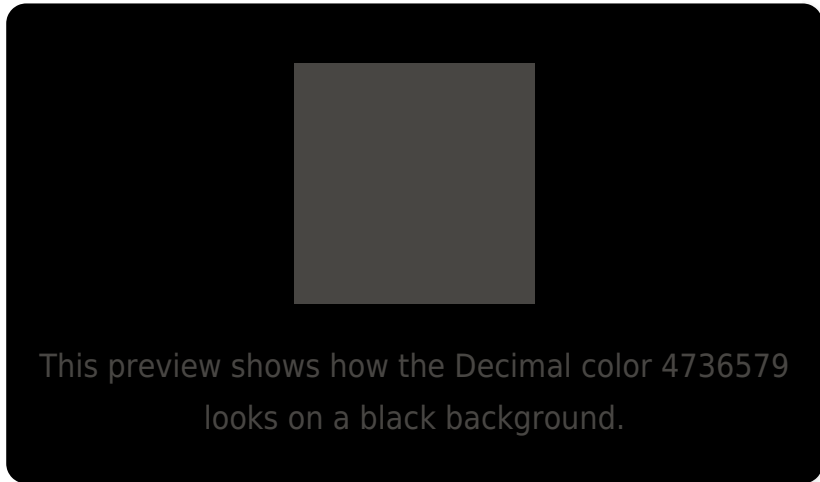
Large Text (above 18pt) WCAG AA ✓ Pass

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

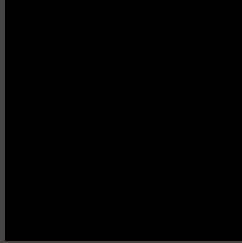
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

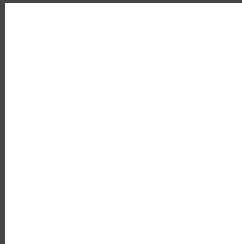
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4736579 Background



This preview shows how black text looks on a background with the Decimal color 4736579.



This preview shows how white text looks on a background with the Decimal color 4736579.

# 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**  
4736579

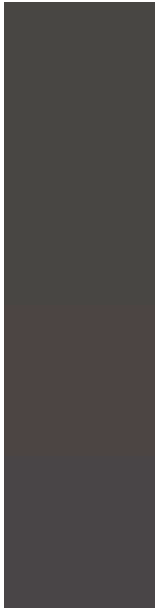
**Protanopia**  
4736579

**Deuteranopia**  
5129283



**Tritanopia**  
4801866

# Trichromacy



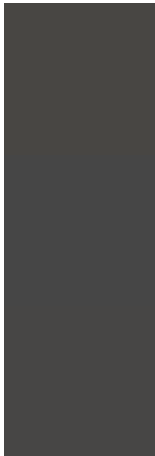
**Original Color**  
4736579

**Protanomaly**  
4736579

**Deuteranomaly**  
4998467

**Tritanomaly**  
4801863

# Monochromacy



**Original Color**  
4736579

**Achromatopsia**  
4605510

**Achromatomaly**  
4671045

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4736579 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 #484643 looks like.

```
.text, #text, p{  
    color:#484643  
}
```

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 #484643 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #484643
}
```

## Border

The CSS property to change the border of an element to Decimal 4736579 is called "border". The border property can be set on classes, ids or directly on the HTML element.

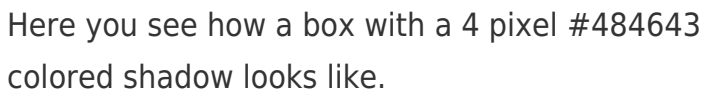
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#484643 }
```

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

```
.border{ border-color:#484643 }
```

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



Here you see how a box with a 4 pixel #484643 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #484643; -webkit-box-shadow:4px 4px  
4px 4px #484643; box-shadow:4px 4px 4px  
4px #484643 }
```

# Background

The CSS property to change the background color of an element to Decimal 4736579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#484643 }
```

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

```
.background{ background-color:#484643 }
```

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