

Converting Colors

Decimal(4736331)

Have a look what the booklet for
Decimal(4736331) contains.

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Color

Decimal(4736331)

Conversions

Conversions Part 1

Format	Color
Hex	48454B
RGB	72, 69, 75
RGB Percent	28%, 27%, 29%
CMY	0.7176, 0.7294, 0.7059
CMYK	0.04, 0.08, 0.00, 0.71
HSL	270°, 4%, 28%
HSV	270°, 8%, 29%
XYZ	6.0706, 6.1420, 7.5222
YIQ	70.5810, -0.1380, 2.5020

Conversions

Conversions Part 2

Format	Color
R_{YB}	72, 69, 75
Decimal	4736331
CIE Lab	29.77, 2.59, -3.15
CIE LCh	30, 4.081, 309.372
Yxy	6.1420, 0.3076, 0.3112
Android (android.graphics.Color)	4282926411 (0xFF48454B)
YUV	70.5810, 2.1786, 1.2445
Hunter-Lab	24.7830, 0.3535, -0.6477

Details

The Decimal color **4736331** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4737861**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **7894396**, and **1907231** is the 20% darker color. If you saturate the color by 10%, you get **4472395**, and if you desaturate by 10%, it is **5000523**.

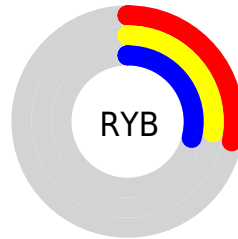
Distribution



 Red (28%)

 Green (27%)

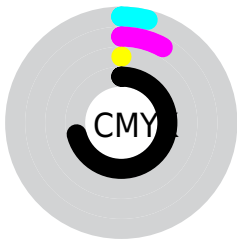
 Blue (29%)



 Red (28%)

 Yellow (27%)

 Blue (29%)

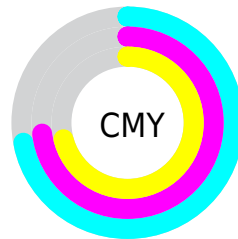


 Cyan (4%)

 Magenta (8%)

 Yellow (0%)

 Black (71%)



 Cyan (72%)

 Magenta (73%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4736331 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 4736331 by changing the saturation by 10% instead.

■ 4736331

■ 4736331

16777215

■ 3288884

■ 7894396

■ 1907231

■ 9605014

■ 65543

■ 11381168

■ 0

■ 13157580

■ 14999784

16776703

■ 4736331

■ 4736331

■ 4472395

■ 5000523

■ 4273739

■ 5264459

■ 4009547

■ 5463115

■ 3745611

■ 5727051

■ 3481419

■ 5991243

■ 3217483

■ 6255179

■ 3018827

■ 6453835

■ 2754891

■ 6717771

■ 2490699

■ 6981963

Harmonies

Analogous

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



4474444



4736331



4932680

Triad

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



4736331



4932928



4147271

Complementary

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



4736331



4737861

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.



4278340



4736331



4736576

Square

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



4736331



5063746



4474689



4147274

Rectangle

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



4736331



5063750



4474689



4147270

Sweetspot

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



4736331



6315873



4540491



3157808



11579568



3158064

Same Dimension

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



4736331



6051681



4932939



2368038



3342438



7536870

Inverse Universe

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



4932936



6379356



4541253



2499108



6684723



15073395

Previews

White Background



This preview shows how the Decimal color 4736331 looks on a white background.

Color Contrast Check

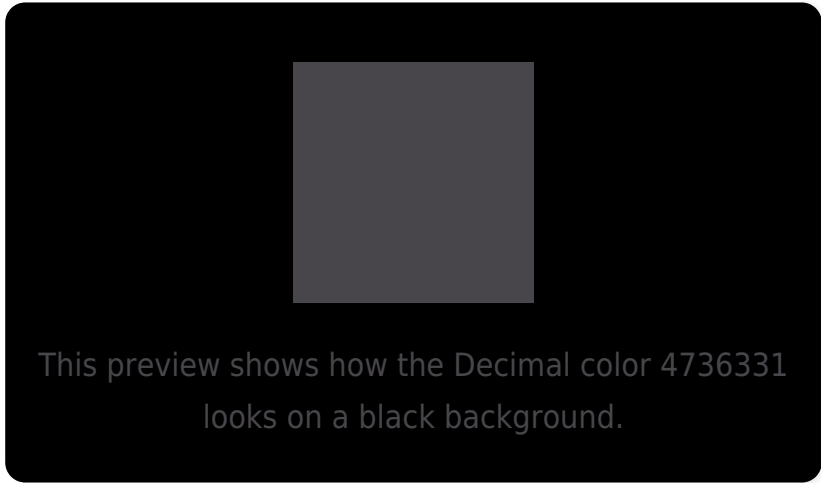
Large Text (above 18pt) WCAG AA ✓ Pass

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

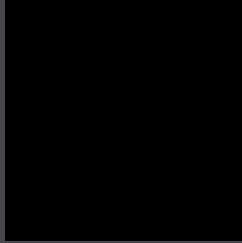
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

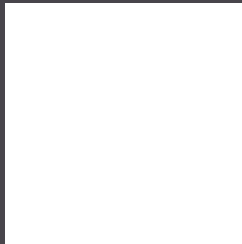
Any Text WCAG AAA × Fail

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

Decimal 4736331 Background



This preview shows how black text looks on a background with the Decimal color 4736331.



This preview shows how white text looks on a background with the Decimal color 4736331.

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
4736331

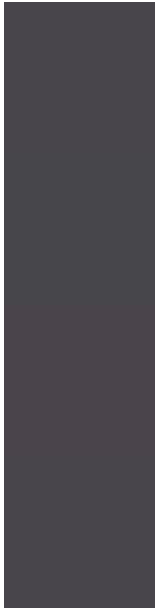
Protanopia
4605515

Deuteranopia
4932683



Tritanopia
4736331

Trichromacy



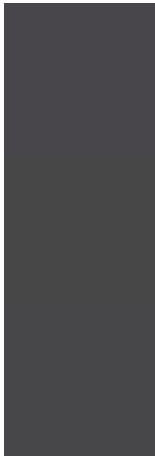
Original Color
4736331

Protanomaly
4671051

Deuteranomaly
4867147

Tritanomaly
4736331

Monochromacy



Original Color
4736331

Achromatopsia
4671303

Achromatomaly
4671048

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4736331 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 #48454B looks like.

```
.text, #text, p{  
    color:#48454B  
}
```

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 #48454B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48454B
}
```

Border

The CSS property to change the border of an element to Decimal 4736331 is called "border". The border property can be set on classes, ids or directly on the HTML element.

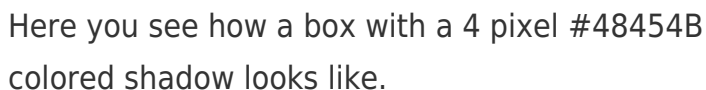
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#48454B }
```

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

```
.border{ border-color:#48454B }
```

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



Here you see how a box with a 4 pixel #48454B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48454B; -webkit-box-shadow:4px 4px  
4px 4px #48454B; box-shadow:4px 4px 4px  
4px #48454B }
```

Background

The CSS property to change the background color of an element to Decimal 4736331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48454B }
```

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

```
.background{ background-color:#48454B }
```

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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