

# Converting Colors

Decimal(4736588)

Have a look what the booklet for  
Decimal(4736588) contains.

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# Color

**Decimal(4736588)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	48464C
RGB	72, 70, 76
RGB Percent	28%, 27%, 30%
CMY	0.7176, 0.7255, 0.7020
CMYK	0.05, 0.08, 0.00, 0.70
HSL	260°, 4%, 29%
HSV	260°, 8%, 30%
XYZ	6.1672, 6.2798, 7.7246
YIQ	71.2820, -0.7340, 2.2900

# Conversions

## Conversions Part 2

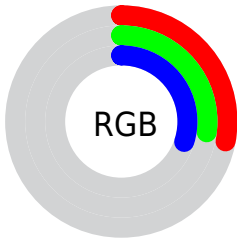
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 70, 76
Decimal	4736588
CIE Lab	30.11, 2.18, -3.30
CIE LCh	30, 3.952, 303.433
Yxy	6.2798, 0.3057, 0.3113
Android (android.graphics.Color)	4282926668 (0xFF48464C)
YUV	71.2820, 2.3260, 0.6297
Hunter-Lab	25.0596, 0.0744, -0.7343

# Details

The Decimal color **4736588** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4869190**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **7894653**, and **1907488** is the 20% darker color. If you saturate the color by 10%, you get **4406860**, and if you desaturate by 10%, it is **5066316**.

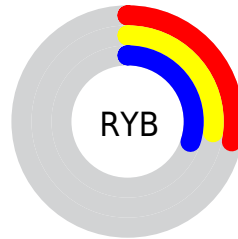
# Distribution



Red (28%)

Green (27%)

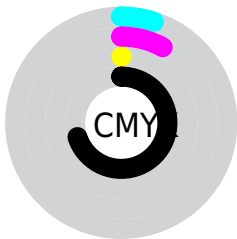
Blue (30%)



Red (28%)

Yellow (27%)

Blue (30%)

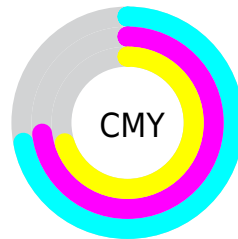


Cyan (5%)

Magenta (8%)

Yellow (0%)

Black (70%)



Cyan (72%)

Magenta (73%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4736588 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 4736588 by changing the saturation by 10% instead.



■ 4736588

■ 4736588

16777215

■ 3289141

■ 7894653

■ 1907488

■ 9605271

■ 131081

■ 11381425

■ 0

■ 13158093

■ 15000297

16776959

■ 4736588

■ 4736588

■ 4406860

■ 5066316

■ 4077388

■ 5395788

■ 3747660

■ 5725516

■ 3418188

■ 6054988

■ 3088460

■ 6384716

■ 2758732

■ 6714444

■ 2429260

■ 7043916

■ 2033996

■ 7439180

■ 1704524

■ 7768652

# Harmonies

## Analogous

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



4474701



4736588



4932938

# Triad

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



4736588



4998721



4213063

# Complementary

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



4736588



4869190

# 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.



4343876



4736588



4802369

# Square

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



4736588



5129540



4606018



4147530

# Rectangle

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



4736588



5064008



4606018



4278598



# Sweetspot

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



4736588



6447459



4606540



3289651



11776947



3355443



# Same Dimension

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



4736588



6117987



4933196



2368038



2228326



4980966



# Inverse Universe

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



4998730



6511200



4672582



2499109



6684740



15073433



# Previews

## White Background



This preview shows how the Decimal color 4736588 looks on a white background.

## Color Contrast Check

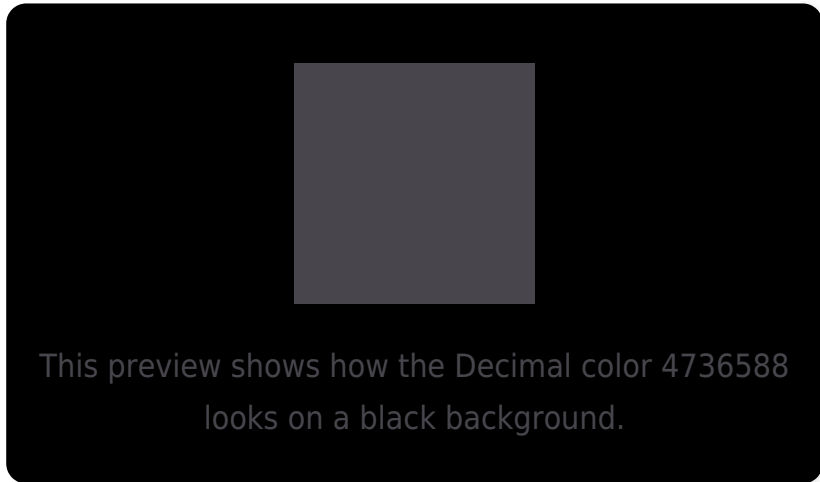
Large Text (above 18pt) WCAG AA ✓ Pass

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

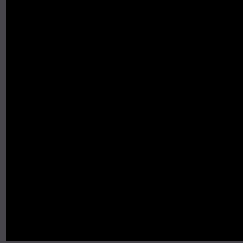
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

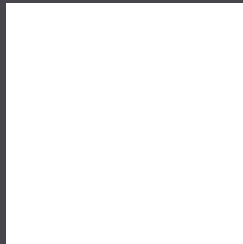
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4736588 Background



This preview shows how black text looks on a background with the Decimal color 4736588.



This preview shows how white text looks on a background with the Decimal color 4736588.

# 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**  
4736588

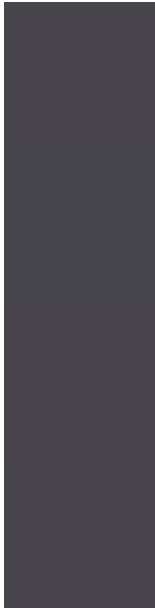
**Protanopia**  
4671052

**Deuteranopia**  
4932940



**Tritanopia**  
4736588

# Trichromacy



**Original Color**

4736588

**Protanomaly**

4671052

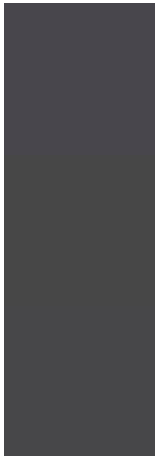
**Deuteranomaly**

4867404

**Tritanomaly**

4736588

# Monochromacy



**Original Color**

4736588

**Achromatopsia**

4671303

**Achromatomaly**

4671305

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4736588 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 #48464C looks like.

```
.text, #text, p{  
    color:#48464C  
}
```

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 #48464C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48464C
}
```

## Border

The CSS property to change the border of an element to Decimal 4736588 is called "border". The border property can be set on classes, ids or directly on the HTML element.

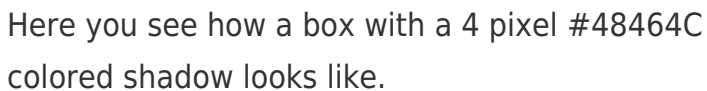
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#48464C }
```

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

```
.border{ border-color:#48464C }
```

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



Here you see how a box with a 4 pixel #48464C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48464C; -webkit-box-shadow:4px 4px  
4px 4px #48464C; box-shadow:4px 4px 4px  
4px #48464C }
```

# Background

The CSS property to change the background color of an element to Decimal 4736588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48464C }
```

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

```
.background{ background-color:#48464C }
```

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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