

Converting Colors

Decimal(4736559)

Have a look what the booklet for
Decimal(4736559) contains.

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Color

Decimal(4736559)

Conversions

Conversions Part 1

Format	Color
Hex	48462F
RGB	72, 70, 47
RGB Percent	28%, 27%, 18%
CMY	0.7176, 0.7255, 0.8157
CMYK	0.00, 0.03, 0.35, 0.72
HSL	55°, 21%, 23%
HSV	55°, 35%, 28%
XYZ	5.3757, 5.9633, 3.5570
YIQ	67.9760, 8.5750, -6.7290

Conversions

Conversions Part 2

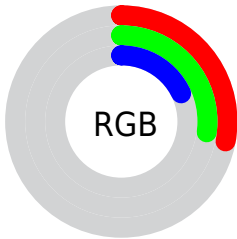
Format	Color
RYB	49, 72, 47
Decimal	4736559
CIELab	29.32, -3.42, 14.20
CIELCh	29, 14.607, 103.524
Yxy	5.9633, 0.3609, 0.4003
Android (android.graphics.Color)	4282926639 (0xFF48462F)
YUV	67.9760, -10.3412, 3.5290
Hunter-Lab	24.4198, -3.4400, 8.4576

Details

The Decimal color **4736559** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3092808**, and the grayscale version is **4473924**.

A 20% lighter version of the original color is **7960157**, and **1907456** is the 20% darker color. If you saturate the color by 10%, you get **4736296**, and if you desaturate by 10%, it is **4736822**.

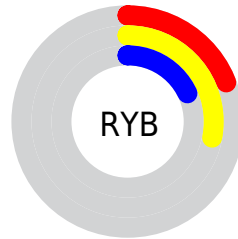
Distribution



Red (28%)

Green (27%)

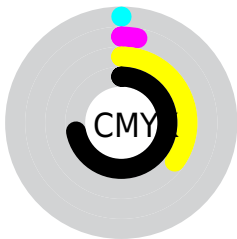
Blue (18%)



Red (19%)

Yellow (28%)

Blue (18%)

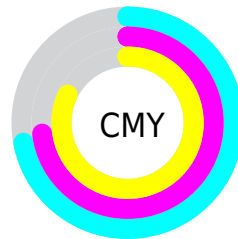


Cyan (0%)

Magenta (3%)

Yellow (35%)

Black (72%)



Cyan (72%)

Magenta (73%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4736559 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 4736559 by changing the saturation by 10% instead.

■ 4736559

■ 4736559

16777215

■ 3223578

■ 7960157

■ 1907456

■ 9670774

■ 0

■ 11446928

■ 13223594

■ 15065541

■ 16776929

16777214

■ 4736559

■ 4736559

■ 4736296

■ 4736822

■ 4736289

■ 4736829

■ 4736025

■ 4737093

■ 4736018

■ 4737100

■ 4735755

■ 4737363

■ 4735748

■ 4737370

■ 4735488

■ 4737633

■ 4737897

■ 4737904

Harmonies

Analogous

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



5456432



4736559



3885364

Triad

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



4736559



2312788



5782860

Complementary

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



4736559



3092808

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.



5062742



4736559



3033178

Square

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



4736559



2378570



4080731



6044992

Rectangle

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



4736559



3361339



4080731



5586511

Sweetspot

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



4736559



6184533



4730673



3158059



11579568



3158064

Same Dimension

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



4736559



6183735



4081711



2368288



6511360



14930176

Inverse Universe

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



3092808



3619422



3747656



2105380



2147



4835

Previews

White Background



This preview shows how the Decimal color 4736559 looks on a white background.

Color Contrast Check

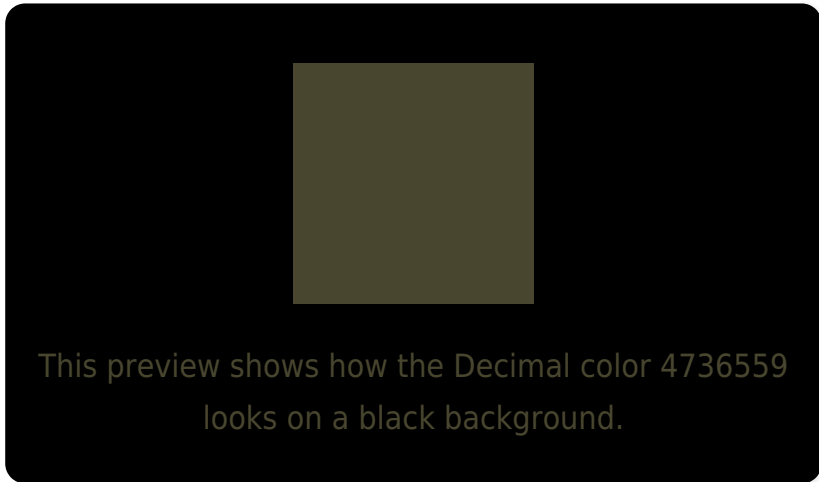
Large Text (above 18pt) WCAG AA ✓ Pass

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

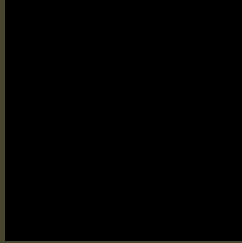
Any Text WCAG AA × Fail

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 4736559 Background



This preview shows how black text looks on a background with the Decimal color 4736559.

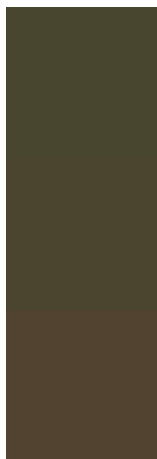


This preview shows how white text looks on a background with the Decimal color 4736559.

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


4736559

Protanopia

4932911

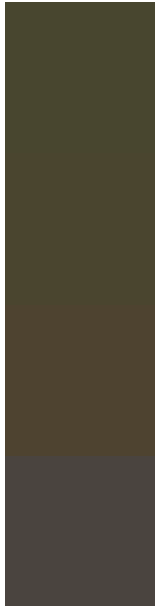
Deuteranopia

5390896



Tritanopia
4932424

Trichromacy



Original Color

4736559

Protanomaly

4867375

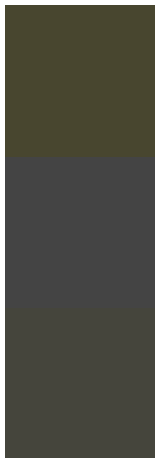
Deuteranomaly

5129008

Tritanomaly

4867135

Monochromacy



Original Color

4736559

Achromatopsia

4473924

Achromatomaly

4539708

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4736559 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 #48462F looks like.

```
.text, #text, p{  
  color:#48462F  
}
```

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 #48462F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48462F
}
```

Border

The CSS property to change the border of an element to Decimal 4736559 is called "border". The border property can be set on classes, ids or directly on the HTML element.

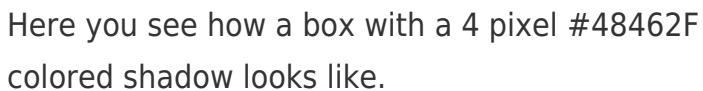
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#48462F }
```

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

```
.border{ border-color:#48462F }
```

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

A rectangular box with a dark blue shadow. The box is white with a thin black border. The shadow is a dark blue color, matching the #48462F color mentioned in the text. The shadow is applied to the bottom and right sides of the box, creating a 3D effect.

Here you see how a box with a 4 pixel #48462F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48462F; -webkit-box-shadow:4px 4px  
4px 4px #48462F; box-shadow:4px 4px 4px  
4px #48462F }
```

Background

The CSS property to change the background color of an element to Decimal 4736559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48462F }
```

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

```
.background{ background-color:#48462F }
```

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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