

Converting Colors

Decimal(4736591)

Have a look what the booklet for
Decimal(4736591) contains.

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Color

Decimal(4736591)

Conversions

Conversions Part 1

Format	Color
Hex	48464F
RGB	72, 70, 79
RGB Percent	28%, 27%, 31%
CMY	0.7176, 0.7255, 0.6902
CMYK	0.09, 0.11, 0.00, 0.69
HSL	253°, 6%, 29%
HSV	253°, 11%, 31%
XYZ	6.2739, 6.3225, 8.2868
YIQ	71.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

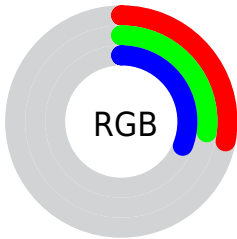
Format	Color
R_{YB}	72, 70, 79
Decimal	4736591
CIE Lab	30.21, 2.88, -5.08
CIE LCh	30, 5.840, 299.556
Yxy	6.3225, 0.3004, 0.3028
Android (android.graphics.Color)	4282926671 (0xFF48464F)
YUV	71.6240, 3.6364, 0.3298
Hunter-Lab	25.1447, 0.5349, -1.9387

Details

The Decimal color **4736591** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5066566**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **7894656**, and **1907491** is the 20% darker color. If you saturate the color by 10%, you get **4341327**, and if you desaturate by 10%, it is **5131855**.

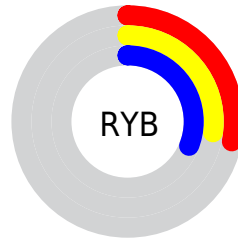
Distribution



Red (28%)

Green (27%)

Blue (31%)



Red (28%)

Yellow (27%)

Blue (31%)

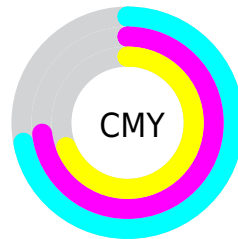


Cyan (9%)

Magenta (11%)

Yellow (0%)

Black (69%)



Cyan (72%)

Magenta (73%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4736591 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 4736591 by changing the saturation by 10% instead.

■ 4736591

■ 4736591

16777215

■ 3289144

■ 7894656

■ 1907491

■ 9605274

■ 131085

■ 11381429

■ 0

■ 13158096

■ 15000301

16776959

■ 4736591

■ 4736591

■ 4341327

■ 5131855

■ 3946063

■ 5527119

■ 3550799

■ 5922383

■ 3089999

■ 6383183

■ 2694991

■ 6778447

■ 2299727

■ 7173455

■ 1904463

■ 7568719

■ 1509199

■ 7963983

■ 1179727

■ 8359247

Harmonies

Analogous

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



4343888



4736591



5064012

Triad

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



4736591



5195071



4016711

Complementary

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



4736591



5066566

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.



4278594



4736591



4933438

Square

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



4736591



5325891



4606015



3951179

Rectangle

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



4736591



5194825



4606015



4082245

Sweetspot

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



4736591



6579046



4607311



3223859



11776947



3355443

Same Dimension

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



4736591



5986406



4998735



2302502



1507430



3342566

Inverse Universe

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



5195341



6707299



4804422



2499109



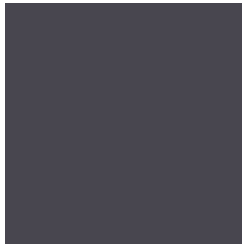
6684751



15073459

Previews

White Background



This preview shows how the Decimal color 4736591 looks on a white background.

Color Contrast Check

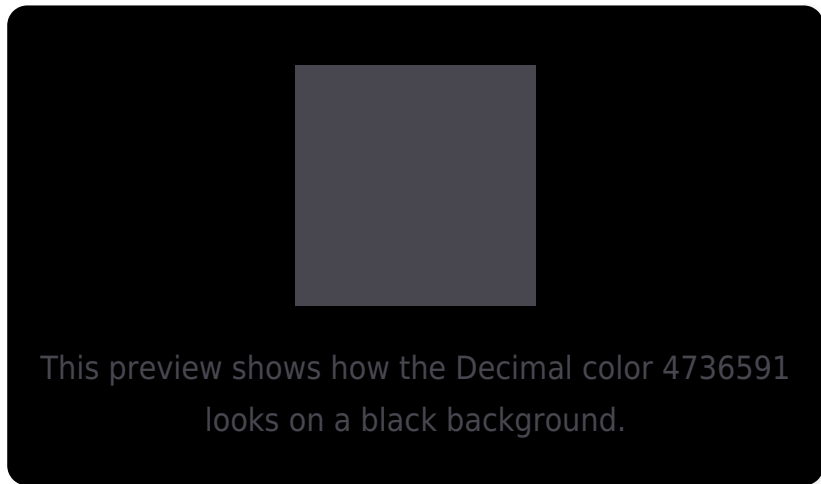
Large Text (above 18pt) WCAG AA ✓ Pass

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

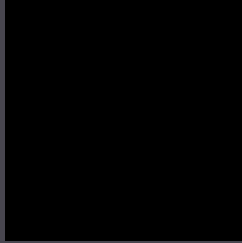
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

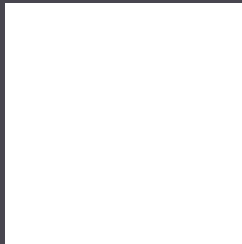
Any Text WCAG AAA × Fail

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

Decimal 4736591 Background



This preview shows how black text looks on a background with the Decimal color 4736591.



This preview shows how white text looks on a background with the Decimal color 4736591.

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
4736591

Protanopia
4605775

Deuteranopia
4867407



Tritanopia
4736588

Trichromacy



Original Color

4736591

Protanomaly

4671311

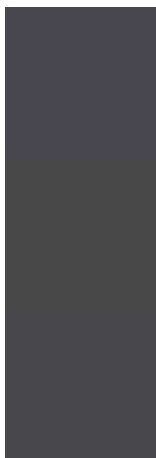
Deuteranomaly

4801871

Tritanomaly

4736589

Monochromacy



Original Color

4736591

Achromatopsia

4737096

Achromatomaly

4736843

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4736591 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 #48464F looks like.

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

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 #48464F colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 4736591 is called "border". The border property can be set on classes, ids or directly on the HTML element.

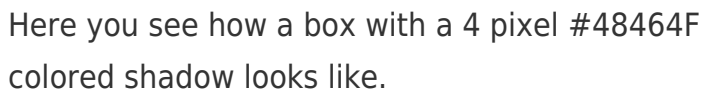
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

The CSS property to change the background color of an element to Decimal 4736591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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