

Converting Colors

Decimal(4736094)

Have a look what the booklet for
Decimal(4736094) contains.

Decimal(4736094)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(4736094)

Conversions

Conversions Part 1

Format	Color
Hex	48445E
RGB	72, 68, 94
RGB Percent	28%, 27%, 37%
CMY	0.7176, 0.7333, 0.6314
CMYK	0.23, 0.28, 0.00, 0.63
HSL	249°, 16%, 32%
HSV	249°, 28%, 37%
XYZ	6.7600, 6.3201, 11.4533
YIQ	72.1600, -5.9620, 8.9340

Conversions

Conversions Part 2

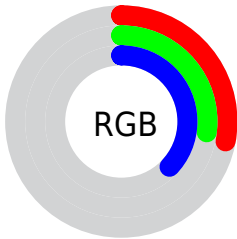
Format	Color
R_{YB}	72, 68, 94
Decimal	4736094
CIE _{Lab}	30.21, 8.00, -14.74
CIE _{LCh}	30, 16.773, 298.470
Yxy	6.3201, 0.2755, 0.2576
Android (android.graphics.Color)	4282926174 (0xFF48445E)
YUV	72.1600, 10.7671, -0.1403
Hunter-Lab	25.1398, 4.0031, -9.4136

Details

The Decimal color **4736094** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5922372**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **7959696**, and **1775920** is the 20% darker color. If you saturate the color by 10%, you get **4209502**, and if you desaturate by 10%, it is **5262686**.

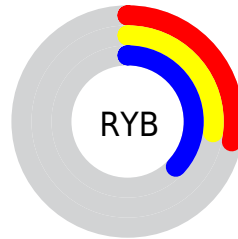
Distribution



 Red (28%)

 Green (27%)

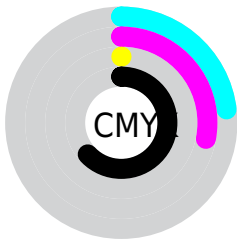
 Blue (37%)




 Red (28%)

 Yellow (27%)

 Blue (37%)

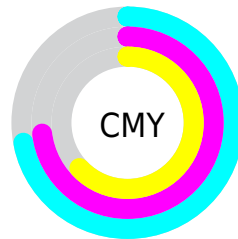


 Cyan (23%)


 Magenta (28%)

 Yellow (0%)

 Black (63%)



 Cyan (72%)

 Magenta (73%)

 Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4736094 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 4736094 by changing the saturation by 10% instead.



4736094



4736094

16777215



3223110



7959696



1775920



9670315



327707



11446470



0



13222882



15065087



16776447



4736094



4736094



4209502



5262686

■ 3682654

■ 5789534

■ 3156062

■ 6316126

■ 2629214

■ 6842974

■ 2102622

■ 7369566

■ 1576030

■ 7896158

■ 1049182

■ 8423006

■ 917598

■ 8949598

■ 9476446

Harmonies

Analogous

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



3492193



4736094



5718101

Triad

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



4736094



5980721



2444870

Complementary

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



4736094



5922372

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.



3427641



4736094



5326381

Square

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



4736094



6372923



4409904



1855059

Rectangle

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



4736094



6176333



4409904



2772545

Sweetspot

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



4736094



7500154



4479582



3684157



12434877



4013373

Same Dimension

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



4736094



5788282



5588062



2763054



1114222



2359533

Inverse Universe

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



6177882



8016500



5070404



3025197



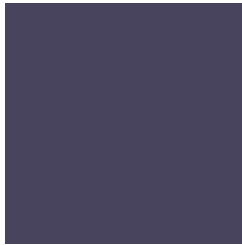
7209053



15532233

Previews

White Background



This preview shows how the Decimal color 4736094 looks on a white background.

Color Contrast Check

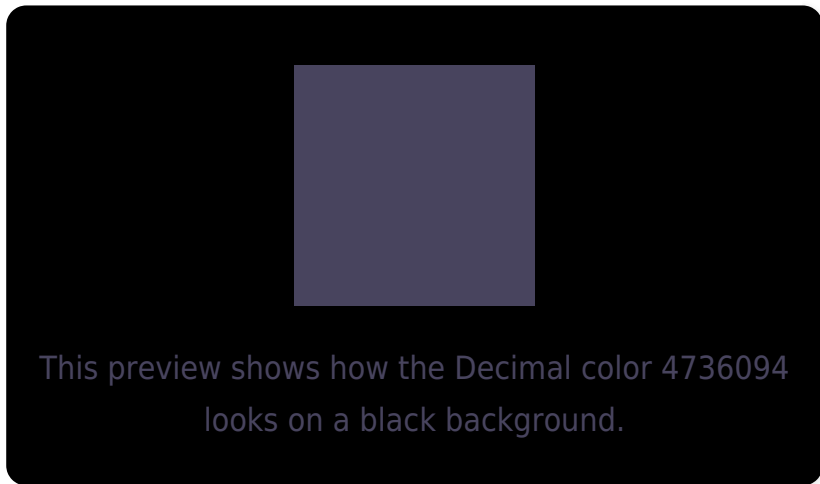
Large Text (above 18pt) WCAG AA ✓ Pass

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

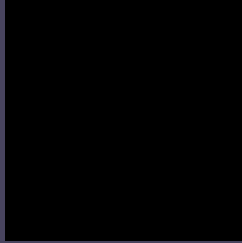
Any Text WCAG AA × Fail

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 4736094 Background



This preview shows how black text looks on a background with the Decimal color 4736094.



This preview shows how white text looks on a background with the Decimal color 4736094.

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
4736094

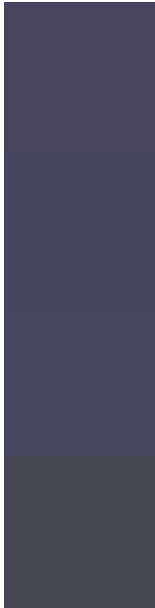
Protanopia
4212320

Deuteranopia
4343390



Tritanopia
4540237

Trichromacy



Original Color

4736094

Protanomaly

4408671

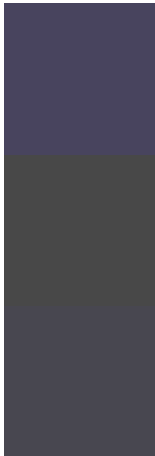
Deuteranomaly

4474206

Tritanomaly

4605523

Monochromacy



Original Color

4736094

Achromatopsia

4737096

Achromatomaly

4736848

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4736094 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 #48445E looks like.

```
.text, #text, p{  
    color:#48445E  
}
```

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 #48445E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48445E
}
```

Border

The CSS property to change the border of an element to Decimal 4736094 is called "border". The border property can be set on classes, ids or directly on the HTML element.

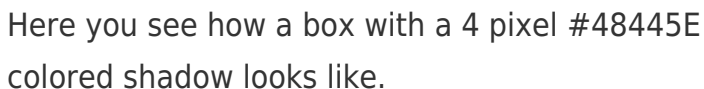
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#48445E }
```

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

```
.border{ border-color:#48445E }
```

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



Here you see how a box with a 4 pixel #48445E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48445E; -webkit-box-shadow:4px 4px  
4px 4px #48445E; box-shadow:4px 4px 4px  
4px #48445E }
```

Background

The CSS property to change the background color of an element to Decimal 4736094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48445E }
```

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

```
.background{ background-color:#48445E }
```

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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