

Converting Colors

Decimal(4876095)

Have a look what the booklet for
Decimal(4876095) contains.

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Color

Decimal(4876095)

Conversions

Conversions Part 1

Format	Color
Hex	4A673F
RGB	74, 103, 63
RGB Percent	29%, 40%, 25%
CMY	0.7098, 0.5961, 0.7529
CMYK	0.28, 0.00, 0.39, 0.60
HSL	103°, 24%, 33%
HSV	103°, 39%, 40%
XYZ	8.5715, 11.5152, 6.4735
YIQ	89.7690, -4.4440, -18.5880

Conversions

Conversions Part 2

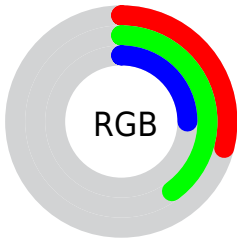
Format	Color
RYB	63, 103, 92
Decimal	4876095
CIELab	40.44, -19.03, 19.24
CIELCh	40, 27.066, 134.687
Yxy	11.5152, 0.3227, 0.4336
Android (android.graphics.Color)	4283066175 (0xFF4A673F)
YUV	89.7690, -13.1971, -13.8294
Hunter-Lab	33.9341, -14.2969, 12.4433

Details

The Decimal color **4876095** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6045543**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **8165999**, and **1849363** is the 20% darker color. If you saturate the color by 10%, you get **4417333**, and if you desaturate by 10%, it is **5334857**.

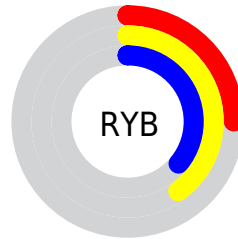
Distribution



Red (29%)

Green (40%)

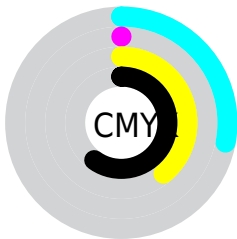
Blue (25%)



Red (25%)

Yellow (40%)

Blue (36%)

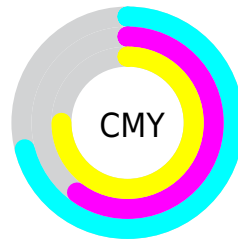


Cyan (28%)

Magenta (0%)

Yellow (39%)

Black (60%)



Cyan (71%)

Magenta (60%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4876095 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 4876095 by changing the saturation by 10% instead.



4876095



4876095

16777215



3362601



8165999



1849363



9876873



532992



11653539



768



13430206



0



15335386



16777207



4876095



4876095



4417333



5334857

■ 3893034

■ 5859156

■ 3434272

■ 6317918

■ 2909974

■ 6842216

■ 2451212

■ 7300979

■ 1926913

■ 7825277

■ 1861376

■ 8284039

■ 8808337

■ 9267100

Harmonies

Analogous

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



6512948



4876095



2910803

Triad

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



4876095



2516362



9064021

Complementary

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



4876095



6045543

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.



8605548



4876095



5267082

Square

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



4876095



27006



7296639



8737601

Rectangle

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



4876095



1141602



7296639



8998493

Sweetspot

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



4876095



8095607



6773823



4080955



12895428



4539717

Same Dimension

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



4876095



5867336



4155208



3093294



2126592



4452864

Inverse Universe

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



6045543



7751815



6766430



3288627



5439603



11534578

Previews

White Background



This preview shows how the Decimal color 4876095 looks on a white background.

Color Contrast Check

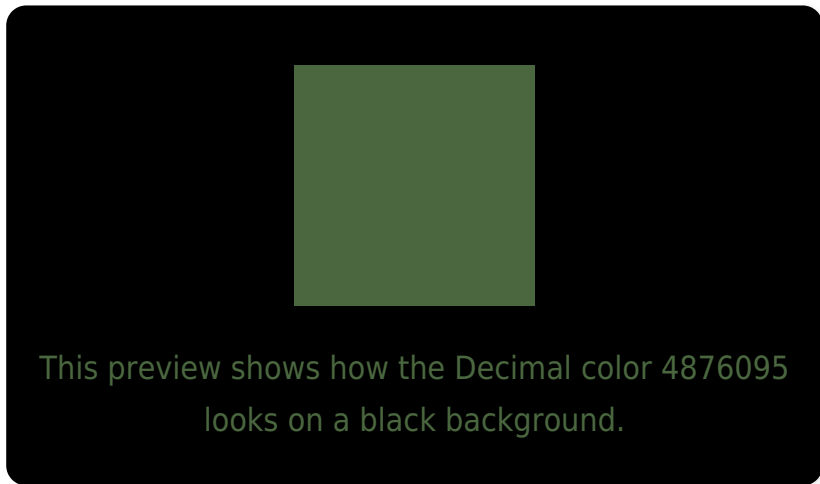
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

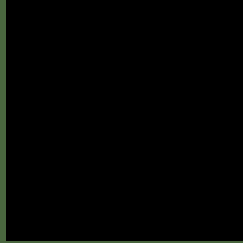
Any Text WCAG AA × Fail

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 4876095 Background



This preview shows how black text looks on a background with the Decimal color 4876095.



This preview shows how white text looks on a background with the Decimal color 4876095.

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](#).

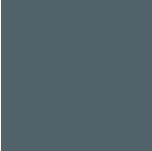
Dichromacy



Original Color
4876095

Protanopia
6840124

Deuteranopia
7428930



Tritanopia
5333610

Trichromacy



Original Color
4876095

Protanomaly
6119997

Deuteranomaly
6512449

Tritanomaly
5137498

Monochromacy



Original Color
4876095

Achromatopsia
5921370

Achromatomaly
5529424

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4876095 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 #4A673F looks like.

```
.text, #text, p{  
    color:#4A673F  
}
```

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 #4A673F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A673F
}
```

Border

The CSS property to change the border of an element to Decimal 4876095 is called "border". The border property can be set on classes, ids or directly on the HTML element.

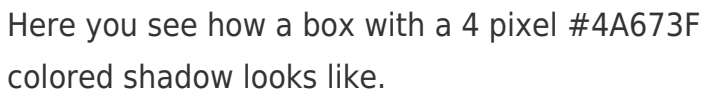
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A673F }
```

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

```
.border{ border-color:#4A673F }
```

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



Here you see how a box with a 4 pixel #4A673F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A673F; -webkit-box-shadow:4px 4px  
4px 4px #4A673F; box-shadow:4px 4px 4px  
4px #4A673F }
```

Background

The CSS property to change the background color of an element to Decimal 4876095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A673F }
```

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

```
.background{ background-color:#4A673F }
```

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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