

Converting Colors

Decimal(4673076)

Have a look what the booklet for
Decimal(4673076) contains.

Decimal(4673076)	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(4673076)

Conversions

Conversions Part 1

Format	Color
Hex	474E34
RGB	71, 78, 52
RGB Percent	28%, 31%, 20%
CMY	0.7216, 0.6941, 0.7961
CMYK	0.09, 0.00, 0.33, 0.69
HSL	76°, 20%, 25%
HSV	76°, 33%, 31%
XYZ	5.9428, 7.0363, 4.2937
YIQ	72.9430, 4.1740, -9.5700

Conversions

Conversions Part 2

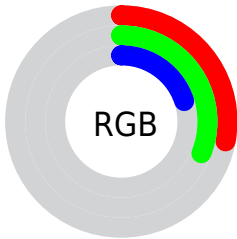
Format	Color
RYB	52, 78, 59
Decimal	4673076
CIELab	31.89, -7.97, 14.49
CIELCh	32, 16.539, 118.804
Yxy	7.0363, 0.3441, 0.4074
Android (android.graphics.Color)	4282863156 (0xFF474E34)
YUV	72.9430, -10.3249, -1.7040
Hunter-Lab	26.5260, -6.4303, 8.9710

Details

The Decimal color **4673076** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3880014**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **7896931**, and **1843719** is the 20% darker color. If you saturate the color by 10%, you get **4541996**, and if you desaturate by 10%, it is **4804156**.

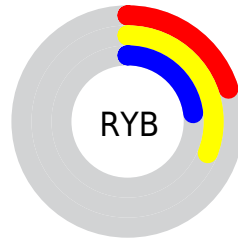
Distribution



Red (28%)

Green (31%)

Blue (20%)



Red (20%)

Yellow (31%)

Blue (23%)

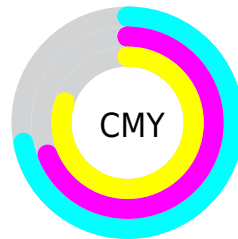


Cyan (9%)

Magenta (0%)

Yellow (33%)

Black (69%)



Cyan (72%)

Magenta (69%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4673076 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 4673076 by changing the saturation by 10% instead.

■ 4673076

■ 4673076

16777215

■ 3159839

■ 7896931

■ 1843719

■ 9607548

■ 3328

■ 11318422

■ 0

■ 13160368

■ 15002572

■ 16777192

■ 4673076

■ 4673076

■ 4541996

■ 4804156

■ 4410916

■ 4935236

■ 4279837

■ 5066315

■ 4148757

■ 5197395

■ 4017677

■ 5394011

■ 3821061

■ 5525091

■ 3755520

■ 5656171

■ 5787250

■ 5918330

Harmonies

Analogous

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



5589553



4673076



3690813

Triad

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



4673076



2642017



6570316

Complementary

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



4673076



3880014

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.



5981273



4673076



3755109

Square

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



4673076



2249303



4999266



6636095

Rectangle

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



4673076



3035718



4999266



6439504

Sweetspot

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



4673076



6514268



5126964



3224365



11776947



3355443

Same Dimension

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



4673076



5989949



3821108



2434594



4941312



11068928

Inverse Universe

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



3880014



4734310



4731982



2302502



1769574



4063462

Previews

White Background



This preview shows how the Decimal color 4673076 looks on a white background.

Color Contrast Check

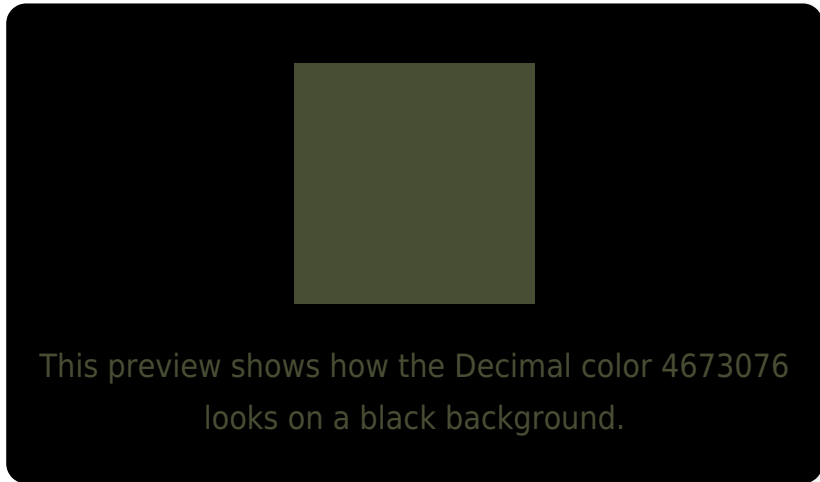
Large Text (above 18pt) WCAG AA ✓ Pass

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

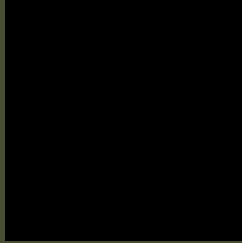
Any Text WCAG AA × Fail

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 4673076 Background



This preview shows how black text looks on a background with the Decimal color 4673076.



This preview shows how white text looks on a background with the Decimal color 4673076.

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

4673076

Protanopia

5327667

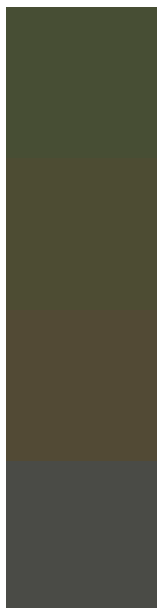
Deuteranopia

5851189



Tritanopia
4934224

Trichromacy



Original Color

4673076

Protanomaly

5065779

Deuteranomaly

5392949

Tritanomaly

4868934

Monochromacy



Original Color

4673076

Achromatopsia

4802889

Achromatomaly

4737857

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4673076 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 #474E34 looks like.

```
.text, #text, p{  
    color:#474E34  
}
```

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 #474E34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474E34
}
```

Border

The CSS property to change the border of an element to Decimal 4673076 is called "border". The border property can be set on classes, ids or directly on the HTML element.

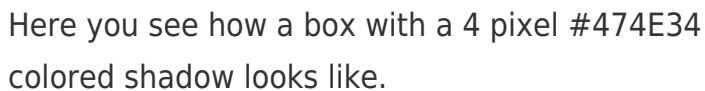
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474E34 }
```

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

```
.border{ border-color:#474E34 }
```

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



Here you see how a box with a 4 pixel #474E34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474E34; -webkit-box-shadow:4px 4px  
4px 4px #474E34; box-shadow:4px 4px 4px  
4px #474E34 }
```

Background

The CSS property to change the background color of an element to Decimal 4673076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474E34 }
```

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

```
.background{ background-color:#474E34 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor