

Converting Colors

Decimal(4672052)

Have a look what the booklet for
Decimal(4672052) contains.

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Color

Decimal(4672052)

Conversions

Conversions Part 1

Format	Color
Hex	474A34
RGB	71, 74, 52
RGB Percent	28%, 29%, 20%
CMY	0.7216, 0.7098, 0.7961
CMYK	0.04, 0.00, 0.30, 0.71
HSL	68°, 17%, 25%
HSV	68°, 30%, 29%
XYZ	5.6671, 6.4851, 4.2019
YIQ	70.5950, 5.2740, -7.4780

Conversions

Conversions Part 2

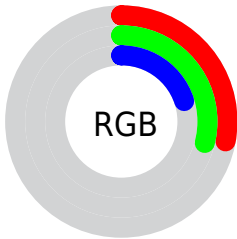
Format	Color
RYB	52, 74, 55
Decimal	4672052
CIELab	30.60, -5.55, 12.77
CIElCh	31, 13.920, 113.488
Yxy	6.4851, 0.3465, 0.3965
Android (android.graphics.Color)	4282862132 (0xFF474A34)
YUV	70.5950, -9.1673, 0.3552
Hunter-Lab	25.4658, -4.8420, 8.0432

Details

The Decimal color **4672052** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3617866**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **7895907**, and **1842695** is the 20% darker color. If you saturate the color by 10%, you get **4606509**, and if you desaturate by 10%, it is **4737595**.

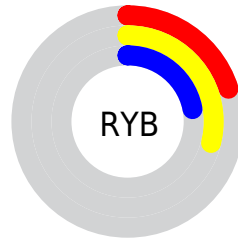
Distribution



 Red (28%)

 Green (29%)

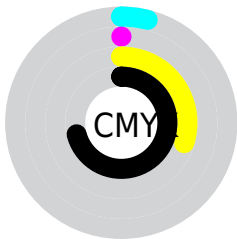
 Blue (20%)



 Red (20%)

 Yellow (29%)

 Blue (22%)

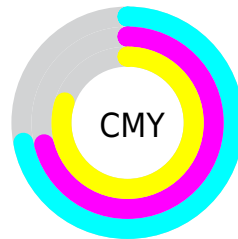


 Cyan (4%)

 Magenta (0%)

 Yellow (30%)

 Black (71%)



 Cyan (72%)

 Magenta (71%)

 Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4672052 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 4672052 by changing the saturation by 10% instead.

■ 4672052

■ 4672052

16777215

■ 3158815

■ 7895907

■ 1842695

■ 9540732

■ 1024

■ 11317141

■ 0

■ 13093552

■ 15001292

■ 16777192

■ 4672052

■ 4672052

■ 4606509

■ 4737595

■ 4540965

■ 4803139

■ 4475422

■ 4868682

■ 4409878

■ 4934226

■ 4344335

■ 4999769

■ 4278792

■ 5065312

■ 4213248

■ 5130856

■ 5196399

■ 5261943

Harmonies

Analogous

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



5392179



4672052



3886395

Triad

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



4672052



2837849



6045771

Complementary

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



4672052



3617866

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.



5522261



4672052



3623517

Square

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



4672052



2641488



4671068



6177088

Rectangle

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



4672052



3362370



4671068



5914958

Sweetspot

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



4672052



6316376



4863796



3158059



11579568



3158064

Same Dimension

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



4672052



6054206



3951156



2500130



5793280



13035008

Inverse Universe

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



3617866



4406881



4338762



2302502



917606



2031846

Previews

White Background



This preview shows how the Decimal color 4672052 looks on a white background.

Color Contrast Check

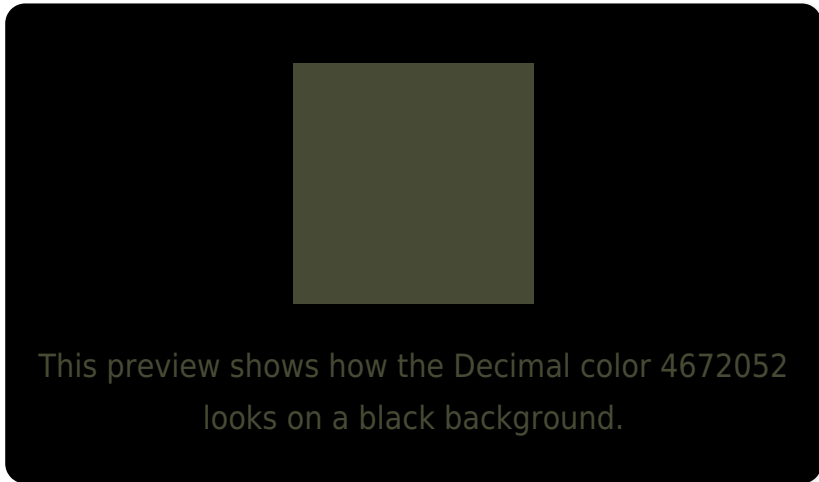
Large Text (above 18pt) WCAG AA ✓ Pass

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

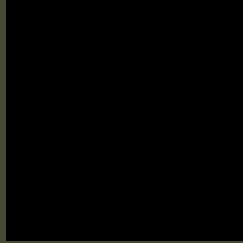
Any Text WCAG AA × Fail

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 4672052 Background



This preview shows how black text looks on a background with the Decimal color 4672052.

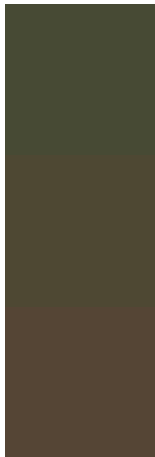


This preview shows how white text looks on a background with the Decimal color 4672052.

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
4672052

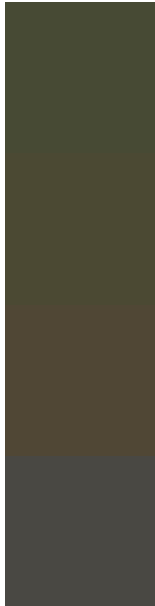
Protanopia
5130291

Deuteranopia
5588277



Tritanopia
4867916

Trichromacy



Original Color

4672052

Protanomaly

4933939

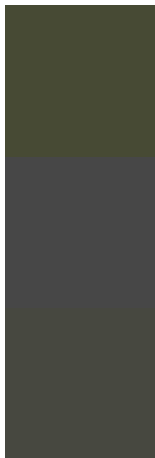
Deuteranomaly

5261109

Tritanomaly

4802627

Monochromacy



Original Color

4672052

Achromatopsia

4671303

Achromatomaly

4671552

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4672052 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 #474A34 looks like.

```
.text, #text, p{  
  color:#474A34  
}
```

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 #474A34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474A34
}
```

Border

The CSS property to change the border of an element to Decimal 4672052 is called "border". The border property can be set on classes, ids or directly on the HTML element.

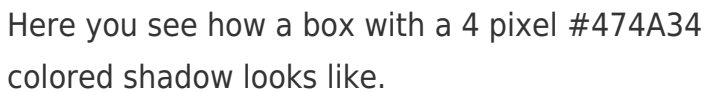
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474A34 }
```

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

```
.border{ border-color:#474A34 }
```

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



Here you see how a box with a 4 pixel #474A34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474A34; -webkit-box-shadow:4px 4px  
4px 4px #474A34; box-shadow:4px 4px 4px  
4px #474A34 }
```

Background

The CSS property to change the background color of an element to Decimal 4672052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474A34 }
```

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

```
.background{ background-color:#474A34 }
```

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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