

Converting Colors

Decimal(4674878)

Have a look what the booklet for
Decimal(4674878) contains.

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Color

Decimal(4674878)

Conversions

Conversions Part 1

Format	Color
Hex	47553E
RGB	71, 85, 62
RGB Percent	28%, 33%, 24%
CMY	0.7216, 0.6667, 0.7569
CMYK	0.16, 0.00, 0.27, 0.67
HSL	97°, 16%, 29%
HSV	97°, 27%, 33%
XYZ	6.7165, 8.1844, 5.7832
YIQ	78.1920, -0.9610, -10.1210

Conversions

Conversions Part 2

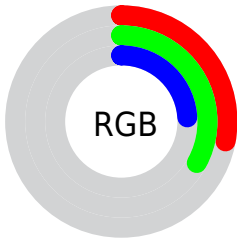
Format	Color
RYB	62, 85, 76
Decimal	4674878
CIELab	34.36, -10.37, 11.66
CIELCh	34, 15.601, 131.664
Yxy	8.1844, 0.3247, 0.3957
Android (android.graphics.Color)	4282864958 (0xFF47553E)
YUV	78.1920, -7.9827, -6.3074
Hunter-Lab	28.6084, -8.1573, 8.0404

Details

The Decimal color **4674878** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4996693**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **7898990**, and **1779732** is the 20% darker color. If you saturate the color by 10%, you get **4347189**, and if you desaturate by 10%, it is **5002566**.

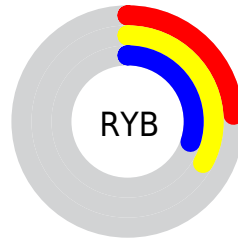
Distribution



Red (28%)

Green (33%)

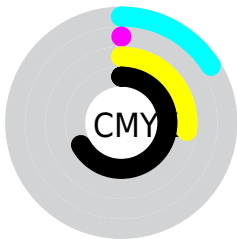
Blue (24%)



Red (24%)

Yellow (33%)

Blue (30%)

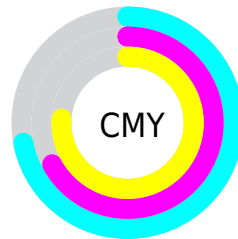


Cyan (16%)

Magenta (0%)

Yellow (27%)

Black (67%)



Cyan (72%)

Magenta (67%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4674878 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 4674878 by changing the saturation by 10% instead.



4674878



4674878

16777215



3161640



7898990



1779732



9544071



5120



11320481



0



13097148



15004888



16777204



4674878



4674878



4347189



5002566

■ 4019501

■ 5330255

■ 3626276

■ 5723479

■ 3298588

■ 6051168

■ 2970899

■ 6378856

■ 2643211

■ 6706545

■ 2315523

■ 7034233

■ 2184448

■ 7361922

■ 7755146

Harmonies

Analogous

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



5591608



4674878



3757897

Triad

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



4674878



3626088



6965324

Complementary

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



4674878



4996693

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.



6637913



4674878



4739177

Square

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



4674878



2905953



5852259



6834753

Rectangle

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



4674878



3233873



5852259



6899793

Sweetspot

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



4674878



6844005



5590078



3487794



12105912



3684408

Same Dimension

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



4674878



5795403



4085056



2698023



2779904



6089472

Inverse Universe

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



4996693



6310766



5586515



2762539



4259947



9371883

Previews

White Background



This preview shows how the Decimal color 4674878 looks on a white background.

Color Contrast Check

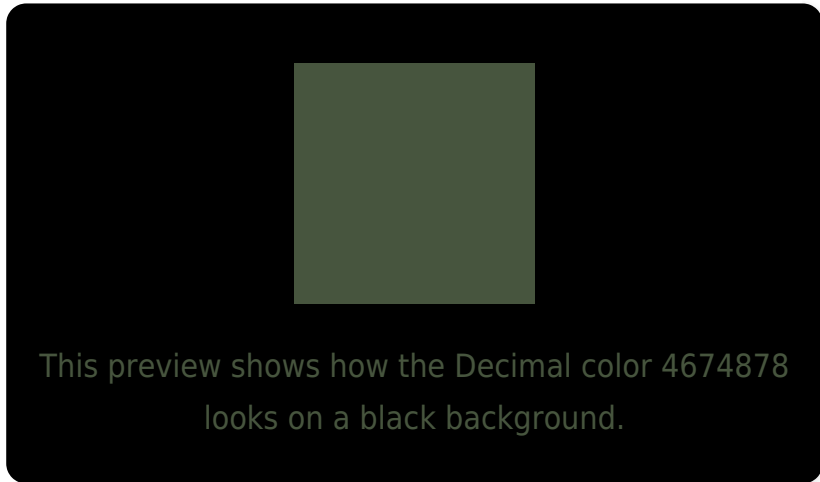
Large Text (above 18pt) WCAG AA ✓ Pass

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

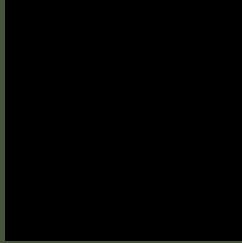
Any Text WCAG AA × Fail

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 4674878 Background



This preview shows how black text looks on a background with the Decimal color 4674878.



This preview shows how white text looks on a background with the Decimal color 4674878.

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
4674878

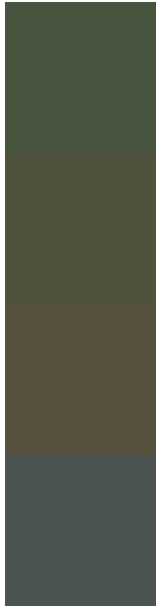
Protanopia
5656892

Deuteranopia
6180160



Tritanopia
4936280

Trichromacy



Original Color
4674878

Protanomaly
5329469

Deuteranomaly
5656639

Tritanomaly
4870991

Monochromacy



Original Color
4674878

Achromatopsia
5131854

Achromatomaly
4936008

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4674878 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 #47553E looks like.

```
.text, #text, p{  
    color:#47553E  
}
```

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 #47553E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47553E
}
```

Border

The CSS property to change the border of an element to Decimal 4674878 is called "border". The border property can be set on classes, ids or directly on the HTML element.

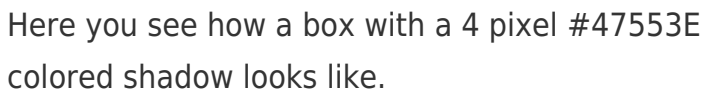
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#47553E }
```

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

```
.border{ border-color:#47553E }
```

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



Here you see how a box with a 4 pixel #47553E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47553E; -webkit-box-shadow:4px 4px  
4px 4px #47553E; box-shadow:4px 4px 4px  
4px #47553E }
```

Background

The CSS property to change the background color of an element to Decimal 4674878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47553E }
```

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

```
.background{ background-color:#47553E }
```

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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