

Converting Colors

Decimal(4676935)

Have a look what the booklet for
Decimal(4676935) contains.

Decimal(4676935)	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(4676935)

Conversions

Conversions Part 1

Format	Color
Hex	475D47
RGB	71, 93, 71
RGB Percent	28%, 36%, 28%
CMY	0.7216, 0.6353, 0.7216
CMYK	0.24, 0.00, 0.24, 0.64
HSL	120°, 13%, 32%
HSV	120°, 24%, 36%
XYZ	7.6502, 9.6232, 7.4155
YIQ	83.9140, -6.0500, -11.5060

Conversions

Conversions Part 2

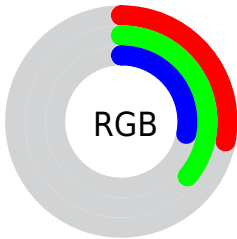
Format	Color
RYB	71, 93, 93
Decimal	4676935
CIELab	37.16, -13.25, 9.98
CIElCh	37, 16.582, 143.016
Yxy	9.6232, 0.3099, 0.3898
Android (android.graphics.Color)	4282867015 (0xFF475D47)
YUV	83.9140, -6.3666, -11.3256
Hunter-Lab	31.0213, -10.2672, 7.5419

Details

The Decimal color **4676935** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6113117**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **7901047**, and **1781531** is the 20% darker color. If you saturate the color by 10%, you get **4087102**, and if you desaturate by 10%, it is **5266768**.

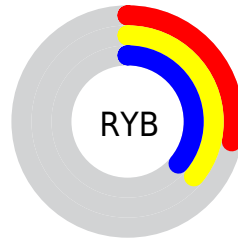
Distribution



 Red (28%)

 Green (36%)

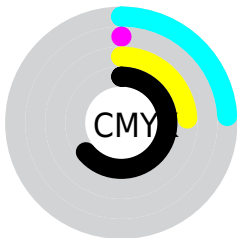
 Blue (28%)



 Red (28%)

 Yellow (36%)

 Blue (36%)

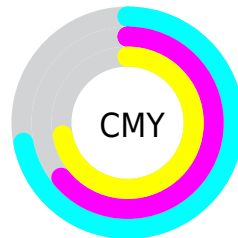


 Cyan (24%)

 Magenta (0%)

 Yellow (24%)

 Black (64%)



 Cyan (72%)

 Magenta (64%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4676935 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 4676935 by changing the saturation by 10% instead.



4676935



4676935

16777215



3163441



7901047



1781531



9611921



203521



11322796



0



13164999



15007459



4676935



4676935



4087102



5266768



3431732



5922138

■ 2841899

■ 6511971

■ 2252066

■ 7101804

■ 1596696

■ 7757174

■ 1006863

■ 8347007

■ 417030

■ 8936840

■ 23808

■ 9526673

■ 10182043

Harmonies

Analogous

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



5659199



4676935



3694420

Triad

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



4676935



4348530



7491150

Complementary

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



4676935



6113117

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.



7360091



4676935



5592432

Square

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



4676935



3366252



6705512



7229763

Rectangle

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



4676935



3235677



6705512



7491154

Sweetspot

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



4676935



7305327



6118727



3685688



12434877



4013373

Same Dimension

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



4676935



5666902



4676946



2698793



28160



60672

Inverse Universe

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



6113117



7886456



6113106



3025198



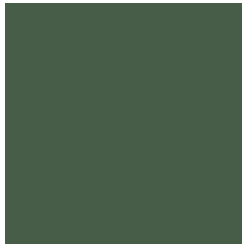
7209070



15532269

Previews

White Background



This preview shows how the Decimal color 4676935 looks on a white background.

Color Contrast Check

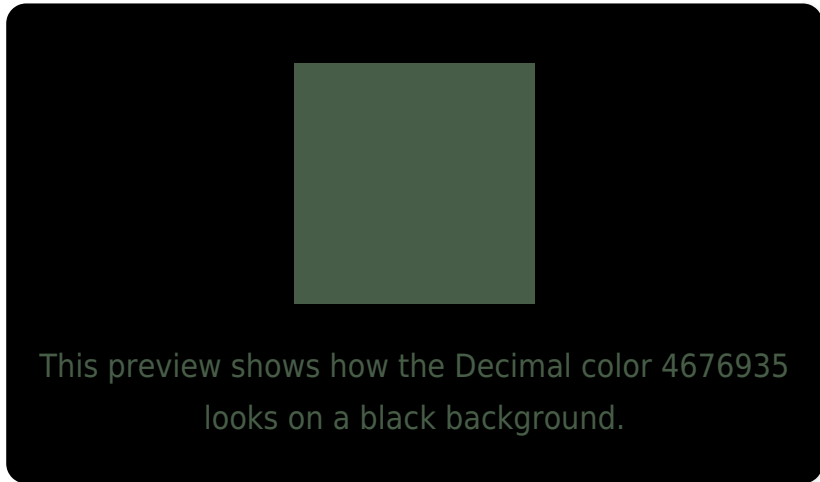
Large Text (above 18pt) WCAG AA ✓ Pass

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

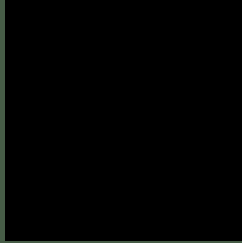
Any Text WCAG AA × Fail

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 4676935 Background



This preview shows how black text looks on a background with the Decimal color 4676935.



This preview shows how white text looks on a background with the Decimal color 4676935.

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
4676935

Protanopia
6117188

Deuteranopia
6640713



Tritanopia
4938337

Trichromacy



Original Color

4676935

Protanomaly

5593413

Deuteranomaly

5920584

Tritanomaly

4873048

Monochromacy



Original Color

4676935

Achromatopsia

5526612

Achromatomaly

5199695

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4676935 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 #475D47 looks like.

```
.text, #text, p{  
  color:#475D47  
}
```

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 #475D47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475D47
}
```

Border

The CSS property to change the border of an element to Decimal 4676935 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".

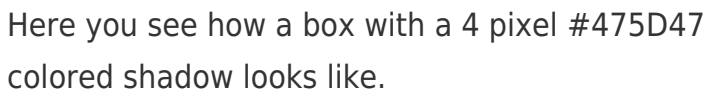
```
.border, #border, table{ border:4px solid
#475D47 }
```

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

```
.border{ border-color:#475D47 }
```

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

Here you see how a box with a 4 pixel #475D47 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475D47; -webkit-box-shadow:4px 4px  
4px 4px #475D47; box-shadow:4px 4px 4px  
4px #475D47 }
```

Background

The CSS property to change the background color of an element to Decimal 4676935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475D47 }
```

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

```
.background{ background-color:#475D47 }
```

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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