

Converting Colors

Decimal(4677701)

Have a look what the booklet for
Decimal(4677701) contains.

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Color

Decimal(4677701)

Conversions

Conversions Part 1

Format	Color
Hex	476045
RGB	71, 96, 69
RGB Percent	28%, 38%, 27%
CMY	0.7216, 0.6235, 0.7294
CMYK	0.26, 0.00, 0.28, 0.62
HSL	116°, 16%, 32%
HSV	116°, 28%, 38%
XYZ	7.8556, 10.1350, 7.1724
YIQ	85.4470, -6.2330, -13.6970

Conversions

Conversions Part 2

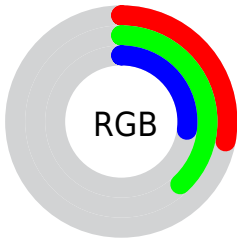
Format	Color
RYB	69, 96, 94
Decimal	4677701
CIELab	38.08, -15.32, 12.47
CIElCh	38, 19.759, 140.850
Yxy	10.1350, 0.3122, 0.4028
Android (android.graphics.Color)	4282867781 (0xFF476045)
YUV	85.4470, -8.1084, -12.6700
Hunter-Lab	31.8355, -11.6664, 8.9270

Details

The Decimal color **4677701** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6178144**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **7902069**, and **1716762** is the 20% darker color. If you saturate the color by 10%, you get **4087867**, and if you desaturate by 10%, it is **5267535**.

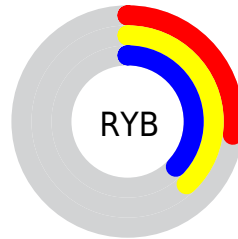
Distribution



Red (28%)

Green (38%)

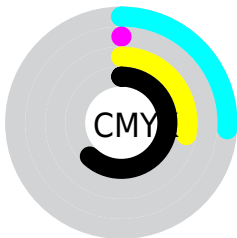
Blue (27%)



Red (27%)

Yellow (38%)

Blue (37%)

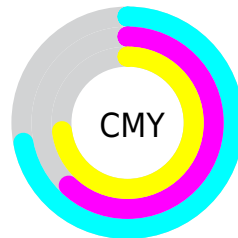


Cyan (26%)

Magenta (0%)

Yellow (28%)

Black (62%)



Cyan (72%)

Magenta (62%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4677701 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 4677701 by changing the saturation by 10% instead.



4677701



4677701

16777215



3164207



7902069



1716762



9612687



269568



11389353



0



13166021



15007713

16777213



4677701



4677701



4087867



5267535

■ 3498034

■ 5857368

■ 2908200

■ 6447202

■ 2318367

■ 7037035

■ 1794069

■ 7561333

■ 1204235

■ 8151167

■ 614402

■ 8741000

■ 483328

■ 9330834

■ 9920667

Harmonies

Analogous

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



5856315



4677701



3433044

Triad

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



4677701



4021625



8015439

Complementary

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



4677701



6178144

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.



7753311



4677701



5592951

Square

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



4677701



2711666



6902382



7688770

Rectangle

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



4677701



2777695



6902382



7949908

Sweetspot

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



4677701



7634291



6315589



3817529



12566463



4210752

Same Dimension

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



4677701



5668178



4546640



2895916



552960



1241088

Inverse Universe

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



6178144



8016509



6309205



3157040



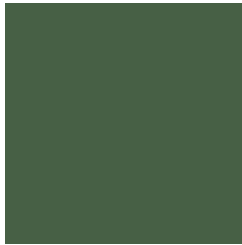
6815856



14549232

Previews

White Background



This preview shows how the Decimal color 4677701 looks on a white background.

Color Contrast Check

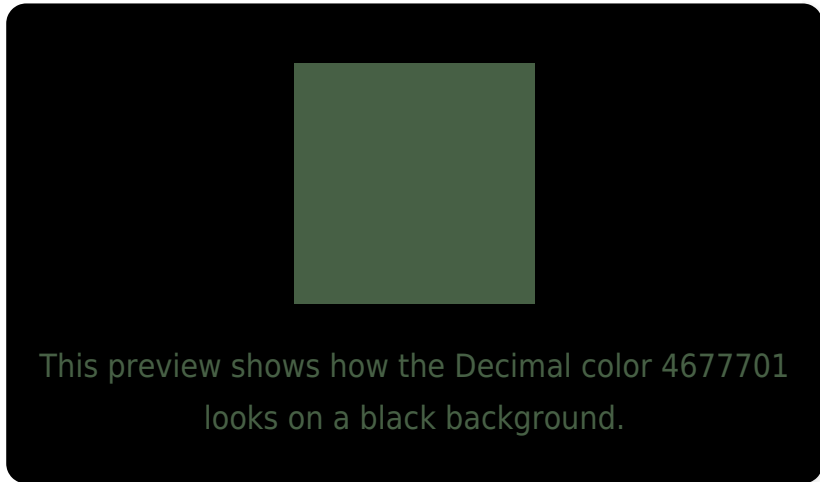
Large Text (above 18pt) WCAG AA ✓ Pass

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

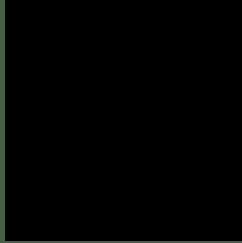
Any Text WCAG AA × Fail

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 4677701 Background



This preview shows how black text looks on a background with the Decimal color 4677701.



This preview shows how white text looks on a background with the Decimal color 4677701.

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
4677701

Protanopia
6314306

Deuteranopia
6837831

Trichromacy



Original Color
4677701

Protanomaly
5725251

Deuteranomaly
6052422

Tritanomaly
4873560

Monochromacy



Original Color
4677701

Achromatopsia
5592405

Achromatomaly
5265743

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4677701 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 #476045 looks like.

```
.text, #text, p{  
    color:#476045  
}
```

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 #476045 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476045
}
```

Border

The CSS property to change the border of an element to Decimal 4677701 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
#476045 }
```

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

```
.border{ border-color:#476045 }
```

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

Here you see how a box with a 4 pixel #476045 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476045; -webkit-box-shadow:4px 4px  
4px 4px #476045; box-shadow:4px 4px 4px  
4px #476045 }
```

Background

The CSS property to change the background color of an element to Decimal 4677701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476045 }
```

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

```
.background{ background-color:#476045 }
```

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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