

# Converting Colors

Decimal(4677673)

Have a look what the booklet for  
Decimal(4677673) contains.

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**Color**

**Decimal(4677673)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	476029
RGB	71, 96, 41
RGB Percent	28%, 38%, 16%
CMY	0.7216, 0.6235, 0.8392
CMYK	0.26, 0.00, 0.57, 0.62
HSL	87°, 40%, 27%
HSV	87°, 57%, 38%
XYZ	7.1816, 9.8654, 3.6235
YIQ	82.2550, 2.7550, -22.4050

# Conversions

## Conversions Part 2

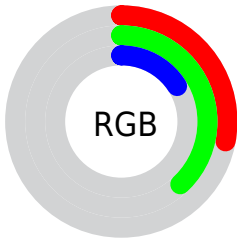
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 96, 66
Decimal	4677673
CIE Lab	37.60, -19.65, 28.08
CIE LCh	38, 34.276, 124.986
Yxy	9.8654, 0.3474, 0.4773
Android (android.graphics.Color)	4282867753 (0xFF476029)
YUV	82.2550, -20.3387, -9.8706
Hunter-Lab	31.4093, -14.1527, 15.1465

# Details

The Decimal color **4677673** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4335968**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **7967576**, and **1716480** is the 20% darker color. If you saturate the color by 10%, you get **4415519**, and if you desaturate by 10%, it is **4939827**.

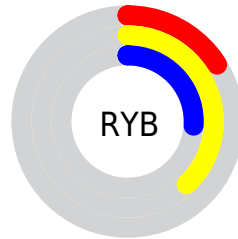
# Distribution



Red (28%)

Green (38%)

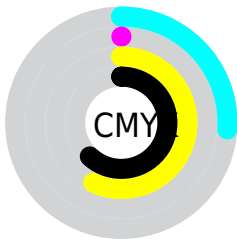
Blue (16%)



Red (16%)

Yellow (38%)

Blue (26%)

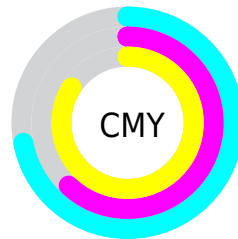


Cyan (26%)

Magenta (0%)

Yellow (57%)

Black (62%)



Cyan (72%)

Magenta (62%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4677673 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 4677673 by changing the saturation by 10% instead.





4677673



4677673

16777215



3098642



7967576



1716480



9678193



7680



11454859



0



13297061



15138753



16777181



16777209



4677673



4677673

■ 4415519

■ 4939827

■ 4087830

■ 5267516

■ 3825676

■ 5529670

■ 3563523

■ 5791823

■ 3432448

■ 6119513

■ 6381667

■ 6709356

■ 6971510

■ 7233663

# Harmonies

## Analogous

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



6576415



4677673



1992000

# Triad

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



4677673



25226



9125973

# Complementary

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



4677673



4335968

# 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.



8275312



4677673



2972304

# Square

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



4677673



25975



6311814



8996154

# Rectangle

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



4677673



26195



6311814



8995166



# Sweetspot

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



4677673



7568744



6308393



3817523



12566463



4210752



# Same Dimension

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



4677673



5668135



2908201



3026988



4026368



8646656



# Inverse Universe

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



4335968



5121917



6105440



3025968



3342448

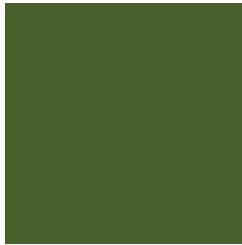


7143664



# Previews

## White Background



This preview shows how the Decimal color 4677673 looks on a white background.

## Color Contrast Check

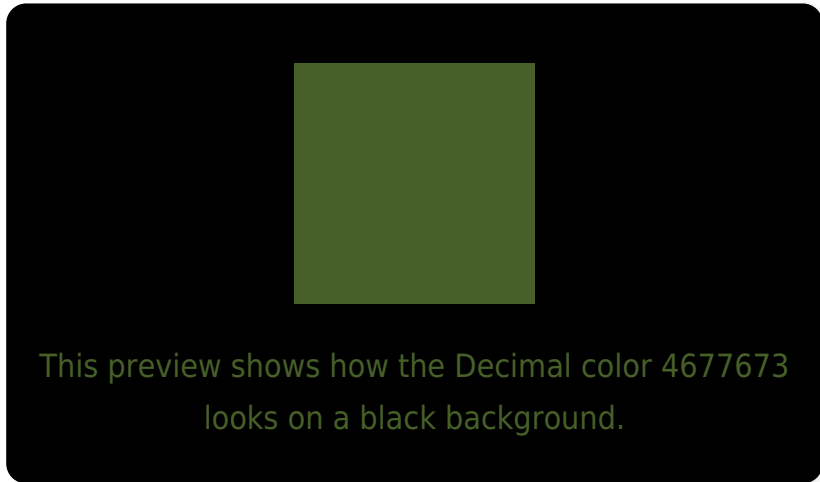
Large Text (above 18pt) WCAG AA ✓ Pass

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

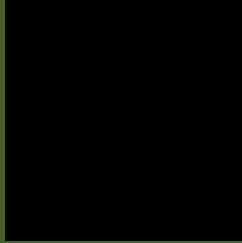
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4677673 Background



This preview shows how black text looks on a background with the Decimal color 4677673.



This preview shows how white text looks on a background with the Decimal color 4677673.

# 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**  
4677673

**Protanopia**  
6445095

**Deuteranopia**  
7164972



**Tritanopia**  
5200481

# Trichromacy



**Original Color**  
4677673

**Protanomaly**  
5790504

**Deuteranomaly**  
6248491

**Tritanomaly**  
5004365

# Monochromacy



**Original Color**  
4677673

**Achromatopsia**  
5395026

**Achromatomaly**  
5134147

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4677673 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 #476029 looks like.

```
.text, #text, p{  
    color:#476029  
}
```

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 #476029 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476029
}
```

## Border

The CSS property to change the border of an element to Decimal 4677673 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
#476029 }
```

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

```
.border{ border-color:#476029 }
```

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

Here you see how a box with a 4 pixel #476029 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476029; -webkit-box-shadow:4px 4px  
4px 4px #476029; box-shadow:4px 4px 4px  
4px #476029 }
```

# Background

The CSS property to change the background color of an element to Decimal 4677673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476029 }
```

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

```
.background{ background-color:#476029 }
```

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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