

# Converting Colors

Decimal(4681241)

Have a look what the booklet for  
Decimal(4681241) contains.

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**Color**

**Decimal(4681241)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	476E19
RGB	71, 110, 25
RGB Percent	28%, 43%, 10%
CMY	0.7216, 0.5686, 0.9020
CMYK	0.35, 0.00, 0.77, 0.57
HSL	88°, 63%, 26%
HSV	88°, 77%, 43%
XYZ	8.3499, 12.5616, 2.9043
YIQ	88.6490, 4.0410, -34.7030

# Conversions

## Conversions Part 2

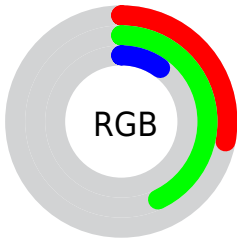
<b>Format</b>	<b>Color</b>
<b>RYB</b>	25, 110, 64
Decimal	4681241
CIELab	42.10, -28.14, 40.41
CIELCh	42, 49.239, 124.852
Yxy	12.5616, 0.3506, 0.5274
Android (android.graphics.Color)	4282871321 (0xFF476E19)
YUV	88.6490, -31.3790, -15.4782
Hunter-Lab	35.4424, -19.9711, 19.9513

# Details

The Decimal color **4681241** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4200814**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **8102475**, and **1392128** is the 20% darker color. If you saturate the color by 10%, you get **4353550**, and if you desaturate by 10%, it is **5008932**.

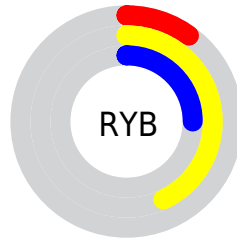
# Distribution



Red (28%)

Green (43%)

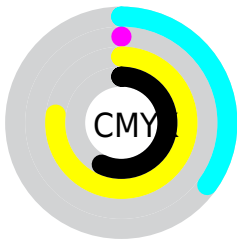
Blue (10%)



Red (10%)

Yellow (43%)

Blue (25%)

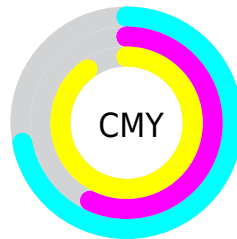


Cyan (35%)

Magenta (0%)

Yellow (77%)

Black (57%)



Cyan (72%)

Magenta (57%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4681241 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 4681241 by changing the saturation by 10% instead.





4681241



4681241

16777215



3036416



8102475



1392128



9878884



10240



11655550



3584



13497753



0



15400884



16777168



16777197



4681241



4681241

■ 4353550

■ 5008932

■ 4025859

■ 5336623

■ 3960320

■ 5664314

■ 5992005

■ 6319696

■ 6647387

■ 6975078

■ 7302769

■ 7630460

# Harmonies

## Analogous

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



7431168



4681241



29759

# Triad

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



4681241



29101



11221598

# Complementary

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



4681241



4200814

# 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.



10044295



4681241



26293

# Square

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



4681241



30097



7100070



10961719

# Rectangle

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



4681241



30299



710070



11025260



# Sweetspot

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



4681241



8425326



7225113



4081459



13092807



4671303



# Same Dimension

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



4681241



5410570



1928729



3553330



4290560



8845056



# Inverse Universe

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



4200814



4655759



6953326



3486264



3604600



7405815



# Previews

## White Background



This preview shows how the Decimal color 4681241 looks on a white background.

## Color Contrast Check

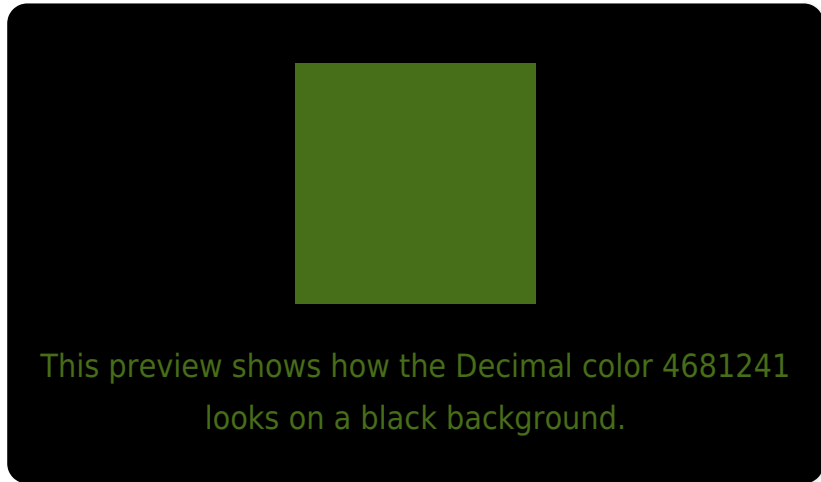
Large Text (above 18pt) WCAG AA ✓ Pass

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

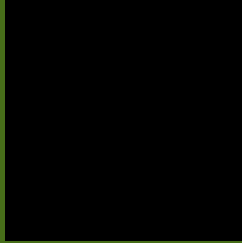
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4681241 Background



This preview shows how black text looks on a background with the Decimal color 4681241.



This preview shows how white text looks on a background with the Decimal color 4681241.

# 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**  
4681241

**Protanopia**  
7299862

**Deuteranopia**  
8150560



**Tritanopia**  
5400431

# Trichromacy



**Original Color**  
4681241

**Protanomaly**  
6317847

**Deuteranomaly**  
6906909

**Tritanomaly**  
5139024

# Monochromacy



**Original Color**  
4681241

**Achromatopsia**  
5855577

**Achromatomaly**  
5398850

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4681241 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 #476E19 looks like.

```
.text, #text, p{  
    color:#476E19  
}
```

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 #476E19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476E19
}
```

## Border

The CSS property to change the border of an element to Decimal 4681241 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".

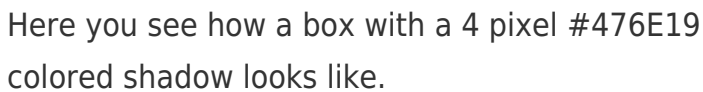
```
.border, #border, table{ border:4px solid
#476E19 }
```

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

```
.border{ border-color:#476E19 }
```

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

Here you see how a box with a 4 pixel #476E19 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476E19; -webkit-box-shadow:4px 4px  
4px 4px #476E19; box-shadow:4px 4px 4px  
4px #476E19 }
```

# Background

The CSS property to change the background color of an element to Decimal 4681241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476E19 }
```

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

```
.background{ background-color:#476E19 }
```

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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