

# Converting Colors

Decimal(4618301)

Have a look what the booklet for  
Decimal(4618301) contains.

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# Color

**Decimal(4618301)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	46783D
RGB	70, 120, 61
RGB Percent	27%, 47%, 24%
CMY	0.7255, 0.5294, 0.7608
CMYK	0.42, 0.00, 0.49, 0.53
HSL	111°, 33%, 35%
HSV	111°, 49%, 47%
XYZ	10.0846, 15.0720, 6.7925
YIQ	98.3240, -10.8610, -28.9490

# Conversions

## Conversions Part 2

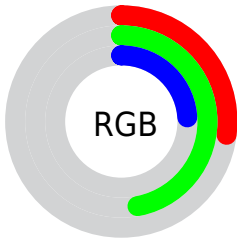
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 120, 111
Decimal	4618301
CIELab	45.73, -29.38, 27.11
CIELCh	46, 39.982, 137.299
Yxy	15.0720, 0.3156, 0.4717
Android (android.graphics.Color)	4282808381 (0xFF46783D)
YUV	98.3240, -18.4007, -24.8401
Hunter-Lab	38.8226, -21.5724, 16.8022

# Details

The Decimal color **4618301** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7290232**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **7974254**, and **1263375** is the 20% darker color. If you saturate the color by 10%, you get **3962929**, and if you desaturate by 10%, it is **5273673**.

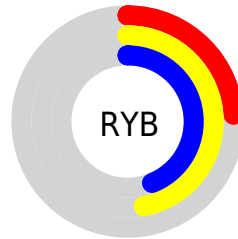
# Distribution



Red (27%)

Green (47%)

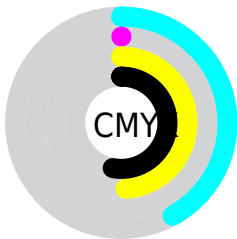
Blue (24%)



Red (24%)

Yellow (47%)

Blue (44%)

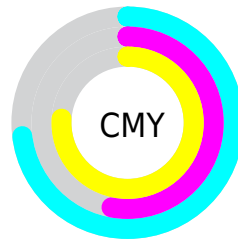


Cyan (42%)

Magenta (0%)

Yellow (49%)

Black (53%)



Cyan (73%)

Magenta (53%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4618301 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 4618301 by changing the saturation by 10% instead.



 4618301

 4618301

16777215

 2973478

 7974254

 1263375

 9750663

 12288

 11527330

 7168

 13369277

 0

 15269849

 16777206

 4618301

 4618301

 3962929

 5273673

■ 3307557

■ 5929045

■ 2586649

■ 6649953

■ 1931277

■ 7305325

■ 1275905

■ 7960697

■ 1210368

■ 8616069

■ 9271441

■ 9926813

■ 10647721

# Harmonies

## Analogous

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



7172137



4618301



31836

# Triad

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



4618301



29869



11227226

# Complementary

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



4618301



7290232

# 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.



10703228



4618301



5663148

# Square

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



4618301



31389



8871066



10574140

# Rectangle

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



4618301



32116



8871066



11161445



# Sweetspot

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



4618301



8952964



7892541



4411201



13619151



5197647



# Same Dimension

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



4618301



5151808



4028497



3685687



1277184



2620416



# Inverse Universe

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



7290232



9322652



7880036



3946301



6946941



14024956



# Previews

## White Background



This preview shows how the Decimal color 4618301 looks on a white background.

## Color Contrast Check

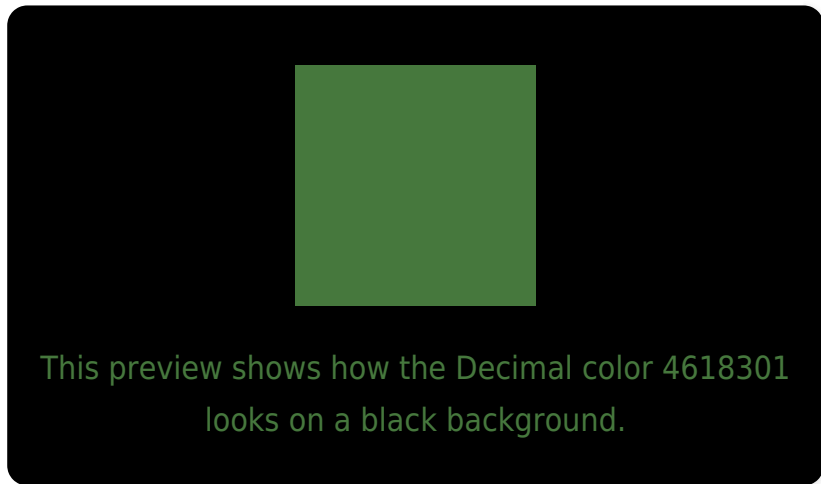
Large Text (above 18pt) WCAG AA ✓ Pass

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

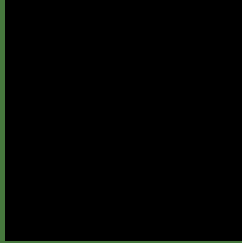
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4618301 Background



This preview shows how black text looks on a background with the Decimal color 4618301.



This preview shows how white text looks on a background with the Decimal color 4618301.

# 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**  
4618301

**Protanopia**  
7826489

**Deuteranopia**  
8611649



**Tritanopia**  
5337466

# Trichromacy



**Original Color**  
4618301

**Protanomaly**  
6647866

**Deuteranomaly**  
7171392

**Tritanomaly**  
5076068

# Monochromacy



**Original Color**  
4618301

**Achromatopsia**  
6447714

**Achromatomaly**  
5794389

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4618301 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 #46783D looks like.

```
.text, #text, p{  
  color:#46783D  
}
```

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 #46783D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46783D
}
```

## Border

The CSS property to change the border of an element to Decimal 4618301 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".

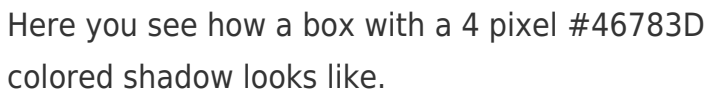
```
.border, #border, table{ border:4px solid
#46783D }
```

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

```
.border{ border-color:#46783D }
```

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

Here you see how a box with a 4 pixel #46783D colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46783D; -webkit-box-shadow:4px 4px  
4px 4px #46783D; box-shadow:4px 4px 4px  
4px #46783D }
```

# Background

The CSS property to change the background color of an element to Decimal 4618301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46783D }
```

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

```
.background{ background-color:#46783D }
```

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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