

# Converting Colors

Decimal(4761344)

Have a look what the booklet for  
Decimal(4761344) contains.

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**Color**

**Decimal(4761344)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48A700
RGB	72, 167, 0
RGB Percent	28%, 65%, 0%
CMY	0.7176, 0.3451, 1.0000
CMYK	0.57, 0.00, 1.00, 0.35
HSL	94°, 100%, 33%
HSV	94°, 100%, 65%
XYZ	16.4912, 29.0152, 4.7313
YIQ	119.5570, -3.0130, -72.0770

# Conversions

## Conversions Part 2

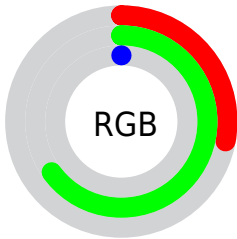
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 167, 95
Decimal	4761344
CIELab	60.79, -52.14, 62.09
CIELCh	61, 81.079, 130.020
Yxy	29.0152, 0.3283, 0.5776
Android (android.graphics.Color)	4282951424 (0xFF48A700)
YUV	119.5570, -58.9416, -41.7075
Hunter-Lab	53.8657, -39.6165, 32.4982

# Details

The Decimal color **4761344** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6226087**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **8642378**, and **29184** is the 20% darker color. If you saturate the color by 10%, you get **4761344**, and if you desaturate by 10%, it is **5416721**.

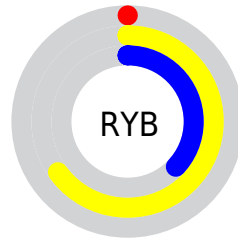
# Distribution



Red (28%)

Green (65%)

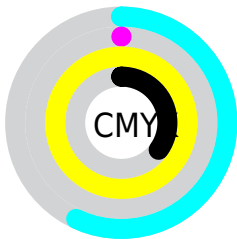
Blue (0%)



Red (0%)

Yellow (65%)

Blue (37%)

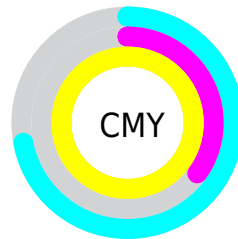


Cyan (57%)

Magenta (0%)

Yellow (100%)

Black (35%)



Cyan (72%)

Magenta (35%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4761344 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 4761344 by changing the saturation by 10% instead.



 4761344

 4761344

16777215

 2526208

 8642378

 29184

 10550373

 22528

 12517249

 16384

 14417821

 10752

 16383929

 1280

 16777174

 0

 16777203

 4761344

 5416721

 6006561

 6661938

 7251779

 7907155

 8496996

 9152373

 9742214

 10332054

# Harmonies

## Analogous

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



10196736



4761344



44894

# Triad

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



4761344



43263



16726654

# Complementary

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



4761344



6226087

# 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.



16272325



4761344



38143

# Square

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



4761344



45294



11629567



16734521

# Rectangle

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



4761344



45457



11629567



16726678



# Sweetspot

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



4761344



11852184



10968832



5729862



15592941



7237230



# Same Dimension

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



4761344



6150400



42763



5198924



4232192



594944



# Inverse Universe

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



6226087



8061145



10944668



5327956



5505172



786452



# Previews

## White Background



This preview shows how the Decimal color 4761344 looks on a white background.

## Color Contrast Check

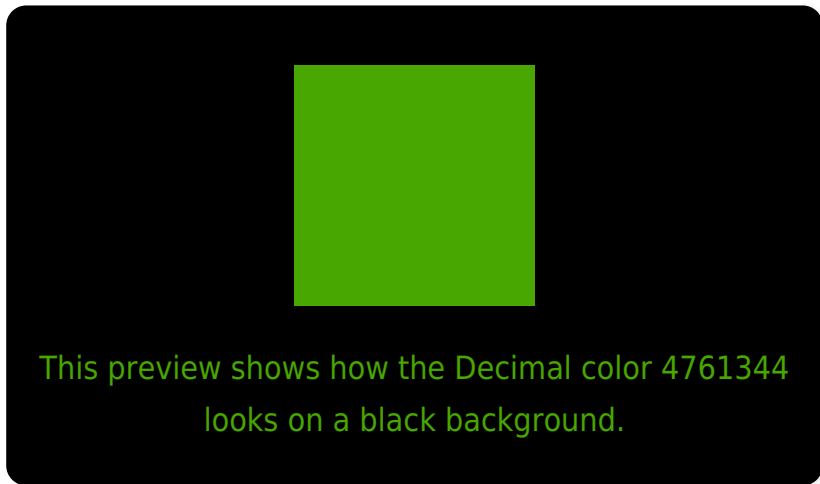
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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

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



## Decimal 4761344 Background



This preview shows how black text looks on a background with the Decimal color 4761344.



This preview shows how white text looks on a background with the Decimal color 4761344.

# 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



# Trichromacy



**Original Color**

4761344



**Deuteranomaly**

9409814



**Tritanomaly**

5807979

# Monochromacy



**Original Color**

4761344



**Achromatopsia**

7895160



**Achromatomaly**

6785356

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4761344 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 #48A700 looks like.

```
.text, #text, p{  
    color:#48A700  
}
```

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 #48A700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48A700
}
```

## Border

The CSS property to change the border of an element to Decimal 4761344 is called "border". The border property can be set on classes, ids or directly on the HTML element.

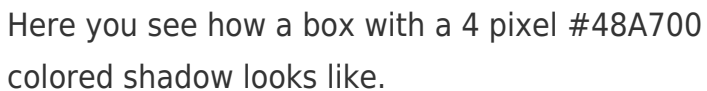
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#48A700 }
```

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

```
.border{ border-color:#48A700 }
```

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



Here you see how a box with a 4 pixel #48A700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48A700; -webkit-box-shadow:4px 4px  
4px 4px #48A700; box-shadow:4px 4px 4px  
4px #48A700 }
```

# Background

The CSS property to change the background color of an element to Decimal 4761344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48A700 }
```

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

```
.background{ background-color:#48A700 }
```

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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