

# Converting Colors

Decimal(10676739)

Have a look what the booklet for  
Decimal(10676739) contains.

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**Color**

**Decimal(10676739)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2EA03
RGB	162, 234, 3
RGB Percent	64%, 92%, 1%
CMY	0.3647, 0.0824, 0.9882
CMYK	0.31, 0.00, 0.99, 0.08
HSL	79°, 97%, 46%
HSV	79°, 99%, 92%
XYZ	44.3395, 66.5336, 10.5915
YIQ	186.1380, 31.2390, -87.1050

# Conversions

## Conversions Part 2

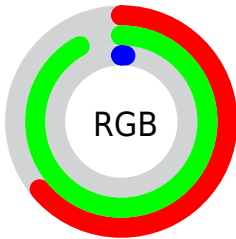
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 234, 75
Decimal	10676739
CIELab	85.27, -48.72, 82.62
CIELCh	85, 95.913, 120.526
Yxy	66.5336, 0.3650, 0.5478
Android (android.graphics.Color)	4288866819 (0xFFA2EA03)
YUV	186.1380, -90.2870, -21.1690
Hunter-Lab	81.5681, -45.7136, 49.3990

# Details

The Decimal color **10676739** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed chartreuse. A complement of this color would be **4916202**, and the grayscale version is **12303291**.

A 20% lighter version of the original color is **14614362**, and **6795776** is the 20% darker color. If you saturate the color by 10%, you get **10611200**, and if you desaturate by 10%, it is **11135514**.

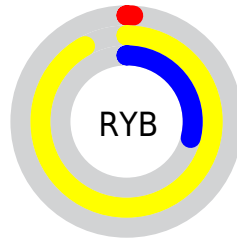
# Distribution



Red (64%)

Green (92%)

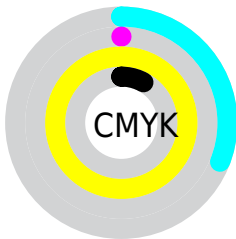
Blue (1%)



Red (1%)

Yellow (92%)

Blue (29%)

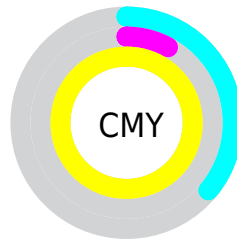


Cyan (31%)

Magenta (0%)

Yellow (99%)

Black (8%)



Cyan (36%)

Magenta (8%)



















Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10676739 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 10676739 by changing the saturation by 10% instead.



 10676739	 10676739
 16777215	 8703488
 14614362	 6795776
 16646009	 4757248
 16777110	 2522112
 16777140	 25344
 16777169	 18944
 16777199	 13056
	 6912
	 0

■ 10676739

■ 10676739

■ 10611200

■ 11135514

■ 11659826

■ 12118601

■ 12577377

■ 13036152

■ 13560463

■ 14019239

■ 14478014

■ 15002326

# Harmonies

## Analogous

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



16634368



10676739



63606

# Triad

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



10676739



62975



16740823

# Complementary

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



10676739



4916202

# 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.



16748543



10676739



57599

# Square

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



10676739



65023



13745407



16745343

# Rectangle

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



10676739



64692



13745407



16742390

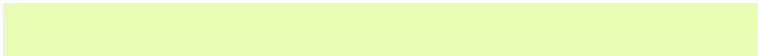


# Sweetspot

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



10676739



15204275



15353859



7438418



0



8421504



# Same Dimension

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



10676739



11599616



3271171



7501162



8238336



2438656



# Inverse Universe

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



4916202



5177599



12321770



7170677



3670197

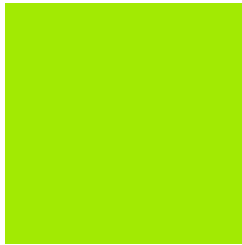


1114166



# Previews

## White Background



This preview shows how the Decimal color 10676739 looks on a white background.

## Color Contrast Check

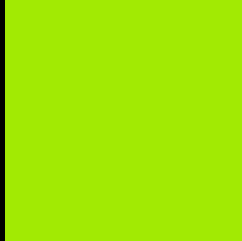
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 10676739 looks on a 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 ✓ Pass

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



## Decimal 10676739 Background



This preview shows how black text looks on a background with the Decimal color 10676739.



This preview shows how white text looks on a background with the Decimal color 10676739.

# 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](#).

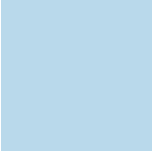
## Dichromacy



**Original Color**  
10676739

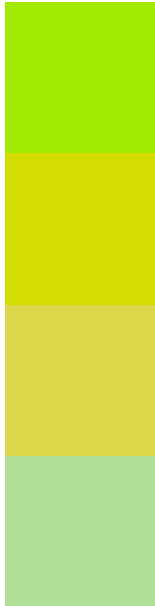
**Protanopia**  
15717632

**Deuteranopia**  
16764021



**Tritanopia**  
12179947

# Trichromacy



**Original Color**  
10676739

**Protanomaly**  
13884673

**Deuteranomaly**  
14538572

**Tritanomaly**  
11657111

# Monochromacy



**Original Color**  
10676739

**Achromatopsia**  
12237498

**Achromatomaly**  
11651959

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10676739 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 #A2EA03 looks like.

```
.text, #text, p{  
    color:#A2EA03  
}
```

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 #A2EA03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2EA03
}
```

## Border

The CSS property to change the border of an element to Decimal 10676739 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
#A2EA03 }
```

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

```
.border{ border-color:#A2EA03 }
```

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

Here you see how a box with a 4 pixel #A2EA03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2EA03; -webkit-box-shadow:4px 4px  
4px 4px #A2EA03; box-shadow:4px 4px 4px  
4px #A2EA03 }
```

# Background

The CSS property to change the background color of an element to Decimal 10676739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2EA03 }
```

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

```
.background{ background-color:#A2EA03 }
```

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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