

# Converting Colors

Decimal(10338825)

Have a look what the booklet for  
Decimal(10338825) contains.

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# **Color**

**Decimal(10338825)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DC209
RGB	157, 194, 9
RGB Percent	62%, 76%, 4%
CMY	0.3843, 0.2392, 0.9647
CMYK	0.19, 0.00, 0.95, 0.24
HSL	72°, 91%, 40%
HSV	72°, 95%, 76%
XYZ	33.2457, 45.7714, 7.3410
YIQ	161.8470, 37.3330, -65.3790

# Conversions

## Conversions Part 2

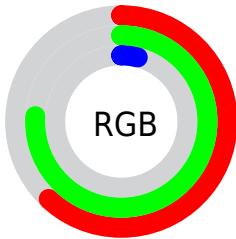
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	9, 194, 46
Decimal	10338825
CIE Lab	73.40, -33.04, 72.73
CIE LCh	73, 79.885, 114.431
Yxy	45.7714, 0.3850, 0.5300
Android (android.graphics.Color)	4288528905 (0xFF9DC209)
YUV	161.8470, -75.3536, -4.2508
Hunter-Lab	67.6546, -30.6799, 40.9248

# Details

The Decimal color **10338825** is a dark color, and the websafe version is hex **99CC00**, and the color name is **limerick**. The color can be described as dark washed chartreuse. A complement of this color would be **3017154**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **14154580**, and **6589440** is the 20% darker color. If you saturate the color by 10%, you get **10207744**, and if you desaturate by 10%, it is **10600988**.

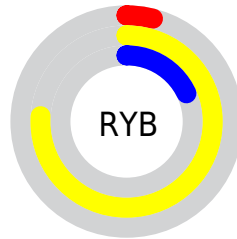
# Distribution



Red (62%)

Green (76%)

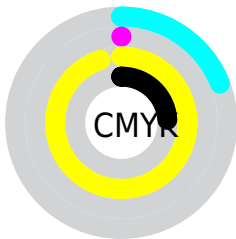
Blue (4%)



Red (4%)

Yellow (76%)

Blue (18%)

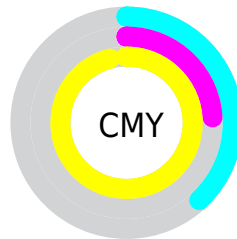


Cyan (19%)

Magenta (0%)

Yellow (95%)

Black (24%)



Cyan (38%)

Magenta (24%)



















Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10338825 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 10338825 by changing the saturation by 10% instead.



 10338825	 10338825
16777215	 8431360
 14154580	 6589440
 16121713	 4813568
 16777101	 2906624
 16777130	 606720
 16777159	 11264
 16777188	 5120
	 0
 10338825	 10338825

■ 10207744

■ 10600988

■ 10863152

■ 11125315

■ 11387479

■ 11584106

■ 11846269

■ 12108433

■ 12370596

■ 12632760

# Harmonies

## Analogous

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



14920704



10338825



2740057

# Triad

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



10338825



53503



16738757

# Complementary

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



10338825



3017154

# 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.



16745727



10338825



49663

# Square

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



10338825



55023



9938943



16740476

# Rectangle

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



10338825



54410



9938943



16740574

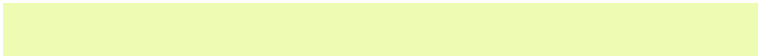


# Sweetspot

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



10338825



15662259



12725769



7831635



0



8421504



# Same Dimension

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



10338825



13302784



4309513



6250839



8495360



1777920



# Inverse Universe

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



3017154



3277052



9112002



5855073



2097313



458785



# Previews

## White Background



This preview shows how the Decimal color 10338825 looks on a white background.

## Color Contrast Check

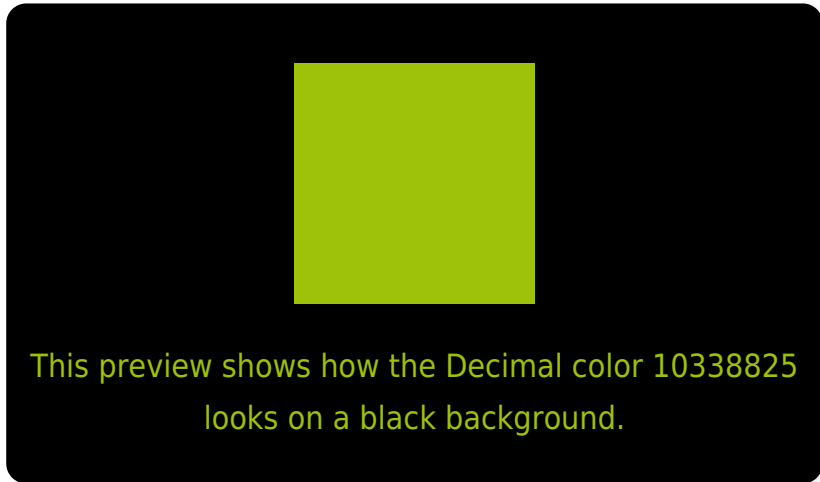
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 10338825 Background



This preview shows how black text looks on a background with the Decimal color 10338825.



This preview shows how white text looks on a background with the Decimal color 10338825.

# 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](#).

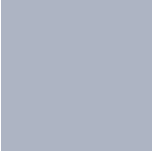
## Dichromacy



**Original Color**  
10338825

**Protanopia**  
13349888

**Deuteranopia**  
14920483



**Tritanopia**  
11384003

# Trichromacy



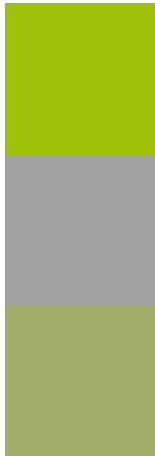
**Original Color**  
10338825

**Protanomaly**  
12237059

**Deuteranomaly**  
13284122

**Tritanomaly**  
10991999

# Monochromacy



**Original Color**  
10338825

**Achromatopsia**  
10658466

**Achromatomaly**  
10530410

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10338825 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 #9DC209 looks like.

```
.text, #text, p{  
  color:#9DC209  
}
```

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 #9DC209 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DC209
}
```

## Border

The CSS property to change the border of an element to Decimal 10338825 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
#9DC209 }
```

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

```
.border{ border-color:#9DC209 }
```

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

Here you see how a box with a 4 pixel #9DC209 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DC209; -webkit-box-shadow:4px 4px  
4px 4px #9DC209; box-shadow:4px 4px 4px  
4px #9DC209 }
```

# Background

The CSS property to change the background color of an element to Decimal 10338825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DC209 }
```

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

```
.background{ background-color:#9DC209 }
```

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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