

# Converting Colors

Decimal(10149433)

Have a look what the booklet for  
Decimal(10149433) contains.

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# **Color**

**Decimal(10149433)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9ADE39
RGB	154, 222, 57
RGB Percent	60%, 87%, 22%
CMY	0.3961, 0.1294, 0.7765
CMYK	0.31, 0.00, 0.74, 0.13
HSL	85°, 71%, 55%
HSV	85°, 74%, 87%
XYZ	40.1862, 59.4080, 13.2197
YIQ	182.8580, 12.4370, -65.7310

# Conversions

## Conversions Part 2

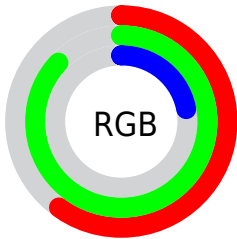
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 222, 125
Decimal	10149433
CIELab	81.52, -45.05, 69.10
CIELCh	82, 82.485, 123.104
Yxy	59.4080, 0.3562, 0.5266
Android (android.graphics.Color)	4288339513 (0xFF9ADE39)
YUV	182.8580, -62.0480, -25.3085
Hunter-Lab	77.0766, -41.8176, 43.7845

# Details

The Decimal color **10149433** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **8206814**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **14024563**, and **6333952** is the 20% darker color. If you saturate the color by 10%, you get **9559587**, and if you desaturate by 10%, it is **10739279**.

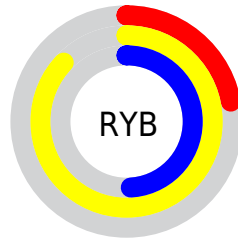
# Distribution



Red (60%)

Green (87%)

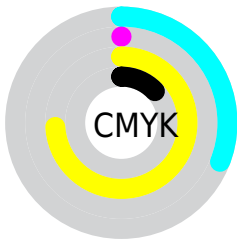
Blue (22%)



Red (22%)

Yellow (87%)

Blue (49%)

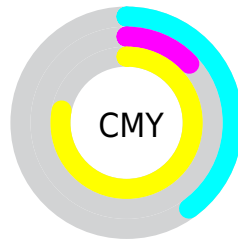


Cyan (31%)

Magenta (0%)

Yellow (74%)

Black (13%)



Cyan (40%)

Magenta (13%)


















Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10149433 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 10149433 by changing the saturation by 10% instead.



 10149433	 10149433
 16777215	 8241683
 14024563	 6333952
 15925135	 4426752
 16777132	 2388480
 16777161	 22784
 16777190	 16384
	 11008
	 2560
	 0

 10149433

 10149433

 9559587

 10739279

 8969741

 11329125

 8642048

 11918972

 12574354

 13164200

 13754046

 14343892

 14933739

 15523583

# Harmonies

## Analogous

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



15321600



10149433



60033

# Triad

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



10149433



58879



16743622

# Complementary

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



10149433



8206814

# 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



10149433



53759

# Square

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



10149433



60927



14004991



16747643

# Rectangle

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



10149433



61110



14004991



16744416

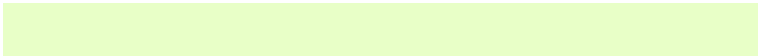


# Sweetspot

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



10149433



15269831



14580537



7503966



0



8421504



# Same Dimension

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



10149433



10616604



4906553



7106661



6795264



1847296



# Inverse Universe

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



8206814



8002815



13515230



6972784



4784304

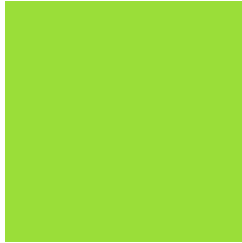


1310768



# Previews

## White Background



This preview shows how the Decimal color 10149433 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 10149433 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 10149433 Background



This preview shows how black text looks on a background with the Decimal color 10149433.

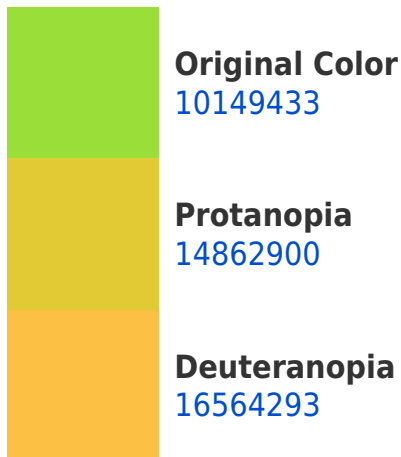


This preview shows how white text looks on a background with the Decimal color 10149433.

# 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





**Tritanopia**  
11522016

# Trichromacy



**Original Color**  
10149433

**Protanomaly**  
13160758

**Deuteranomaly**  
14207809

**Tritanomaly**  
10998947

# Monochromacy



**Original Color**  
10149433

**Achromatopsia**  
12040119

**Achromatomaly**  
11322761

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10149433 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 #9ADE39 looks like.

```
.text, #text, p{  
  color:#9ADE39  
}
```

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 #9ADE39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9ADE39
}
```

## Border

The CSS property to change the border of an element to Decimal 10149433 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
#9ADE39 }
```

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

```
.border{ border-color:#9ADE39 }
```

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

Here you see how a box with a 4 pixel #9ADE39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9ADE39; -webkit-box-shadow:4px 4px  
4px 4px #9ADE39; box-shadow:4px 4px 4px  
4px #9ADE39 }
```

# Background

The CSS property to change the background color of an element to Decimal 10149433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9ADE39 }
```

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

```
.background{ background-color:#9ADE39 }
```

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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