

# Converting Colors

Decimal(10150985)

Have a look what the booklet for  
Decimal(10150985) contains.

<b>Decimal(10150985)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(10150985)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AE449
RGB	154, 228, 73
RGB Percent	60%, 89%, 29%
CMY	0.3961, 0.1059, 0.7137
CMYK	0.32, 0.00, 0.68, 0.11
HSL	89°, 74%, 59%
HSV	89°, 68%, 89%
XYZ	42.2724, 62.8379, 16.2043
YIQ	188.2040, 5.6510, -63.8930

# Conversions

## Conversions Part 2

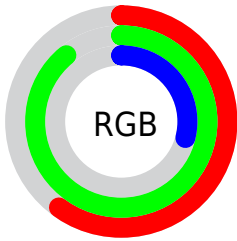
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">73, 228, 147</a>
Decimal	<a href="#">10150985</a>
CIELab	<a href="#">83.36, -46.60, 65.32</a>
CIElCh	<a href="#">83, 80.239, 125.507</a>
Yxy	<a href="#">62.8379, 0.3485, 0.5180</a>
Android (android.graphics.Color)	<a href="#">4288341065 (0xFF9AE449)</a>
YUV	<a href="#">188.2040, -56.7956, -29.9969</a>
Hunter-Lab	<a href="#">79.2703, -43.5346, 43.3693</a>

# Details

The Decimal color **10150985** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **9652708**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **13959041**, and **6401024** is the 20% darker color. If you saturate the color by 10%, you get **9430066**, and if you desaturate by 10%, it is **10871904**.

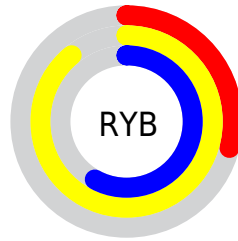
# Distribution



Red (60%)

Green (89%)

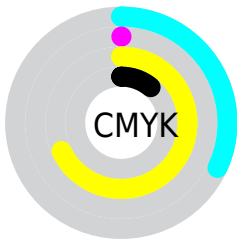
Blue (29%)



Red (29%)

Yellow (89%)

Blue (58%)

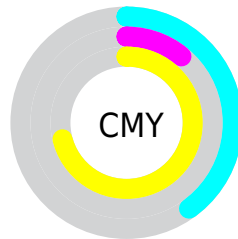


Cyan (32%)

Magenta (0%)

Yellow (68%)

Black (11%)



Cyan (40%)

Magenta (11%)


















Yellow (71%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 10150985 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 10150985 by changing the saturation by 10% instead.



 10150985	 10150985
 16777215	 8243243
 13959041	 6401024
 15925149	 4428032
 16777146	 2324224
 16777175	 24064
 16777204	 17664
	 11776
	 5120
	 0

 10150985

 10150985

 9430066

 10871904

 8709147

 11592823

 7988229

 12313741

 7857152

 13034660

 13690043

 14410962

 15131881

 15852799

 16573695

# Harmonies

## Analogous

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



15323422



10150985



61326

# Triad

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



10150985



59647



16746181

# Complementary

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



10150985



9652708

# 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.



16750079



10150985



185599

# Square

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



10150985



62207



14988799



16750204

# Rectangle

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



10150985



62401



14988799



16746462

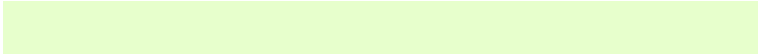


# Sweetspot

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



10150985



15204300



14979401



7438433



0



8421504



# Same Dimension

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



10150985



10223406



5170249



7172967



6140672



1782528



# Inverse Universe

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



9652708



9580287



14633444



7169907



5570739

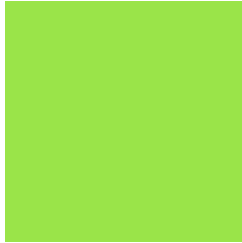


1572915



# Previews

## White Background



This preview shows how the Decimal color 10150985 looks on a white background.

## Color Contrast Check

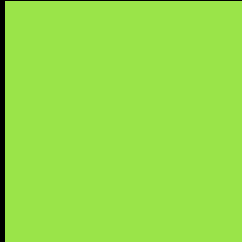
Large Text (above 18pt) WCAG AA × Fail

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 10150985 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 10150985 Background



This preview shows how black text looks on a background with the Decimal color 10150985.

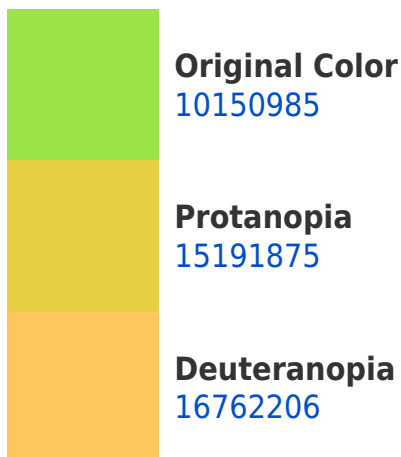


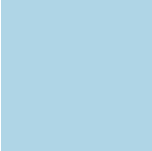
This preview shows how white text looks on a background with the Decimal color 10150985.

# 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**  
11523558

# Trichromacy



**Original Color**  
10150985



**Protanomaly**  
13358917



**Deuteranomaly**  
14340182

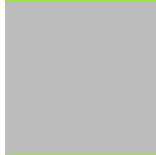


**Tritanomaly**  
11000493

# Monochromacy



**Original Color**  
10150985



**Achromatopsia**  
12369084



**Achromatomaly**  
11586450

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10150985 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 #9AE449 looks like.

```
.text, #text, p{  
    color:#9AE449  
}
```

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 #9AE449 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AE449
}
```

## Border

The CSS property to change the border of an element to Decimal 10150985 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
#9AE449 }
```

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

```
.border{ border-color:#9AE449 }
```

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

Here you see how a box with a 4 pixel #9AE449 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AE449; -webkit-box-shadow:4px 4px  
4px 4px #9AE449; box-shadow:4px 4px 4px  
4px #9AE449 }
```

# Background

The CSS property to change the background color of an element to Decimal 10150985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AE449 }
```

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

```
.background{ background-color:#9AE449 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor