

# Converting Colors

Decimal(10471501)

Have a look what the booklet for  
Decimal(10471501) contains.

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# **Color**

**Decimal(10471501)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FC84D
RGB	159, 200, 77
RGB Percent	62%, 78%, 30%
CMY	0.3765, 0.2157, 0.6980
CMYK	0.20, 0.00, 0.61, 0.22
HSL	80°, 53%, 54%
HSV	80°, 62%, 78%
XYZ	36.2919, 49.2153, 14.6079
YIQ	173.7190, 15.0470, -46.9450

# Conversions

## Conversions Part 2

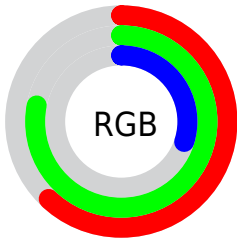
Format	Color
<a href="#">RYB</a>	<a href="#">77, 200, 118</a>
Decimal	<a href="#">10471501</a>
CIELab	<a href="#">75.59, -32.02, 55.52</a>
CIELCh	<a href="#">76, 64.094, 119.977</a>
Yxy	<a href="#">49.2153, 0.3625, 0.4916</a>
Android (android.graphics.Color)	<a href="#">4288661581 (0xFF9FC84D)</a>
YUV	<a href="#">173.7190, -47.6825, -12.9086</a>
Hunter-Lab	<a href="#">70.1536, -30.4271, 36.7617</a>

# Details

The Decimal color **10471501** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **7753160**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **14221187**, and **6853138** is the 20% darker color. If you saturate the color by 10%, you get **10012729**, and if you desaturate by 10%, it is **10930273**.

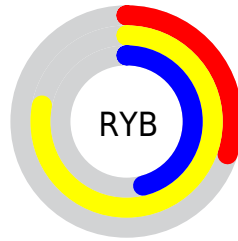
# Distribution



Red (62%)

Green (78%)

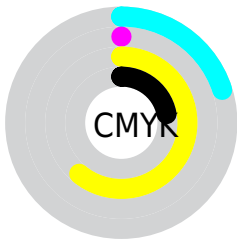
Blue (30%)



Red (30%)

Yellow (78%)

Blue (46%)

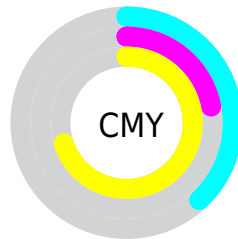


Cyan (20%)

Magenta (0%)

Yellow (61%)

Black (22%)



Cyan (38%)

Magenta (22%)



















Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10471501 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 10471501 by changing the saturation by 10% instead.



 10471501	 10471501
 16777215	 8629554
 14221187	 6853138
 16121758	 5076992
 16777146	 3366656
 16777174	 1459968
 16777204	 12288
	 7168
	 0
 10471501	 10471501

10012729

10930273

9619493

11323509

9160721

11782281

8767488

12241053

12634289

13093061

13551833

13945069

14403839

# Harmonies

## Analogous

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



14333755



10471501



4969084

# Triad

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



10471501



53247



16745917

# Complementary

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



10471501



7753160

# 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.



16749302



10471501



2343423

# Square

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



10471501



55028



12299263



16747651

# Rectangle

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



10471501



54948



12299263



16746449

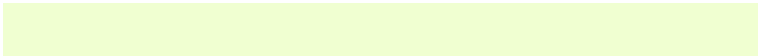


# Sweetspot

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



10471501



15794129



13137485



7766115



0



8421504



# Same Dimension

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



10471501



12648258



6473805



6316890



7185152



1582080



# Inverse Universe

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



7753160



8471295



11816392



6117987



3539107



786468



# Previews

## White Background



This preview shows how the Decimal color 10471501 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 10471501 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 10471501 Background



This preview shows how black text looks on a background with the Decimal color 10471501.

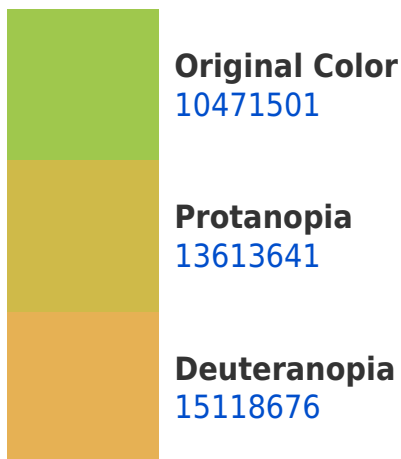


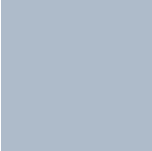
This preview shows how white text looks on a background with the Decimal color 10471501.

# 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](#).

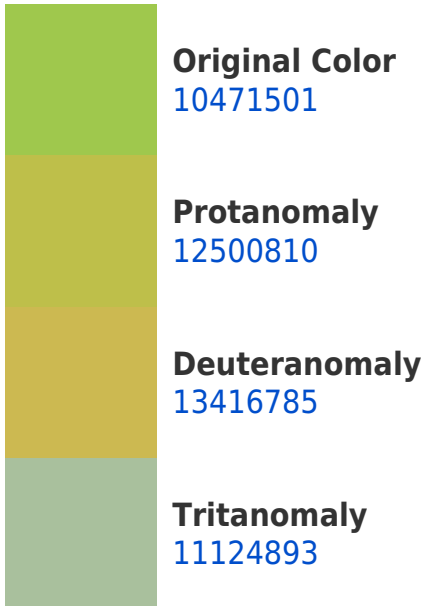
## Dichromacy





**Tritanopia**  
11451338

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10471501 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 #9FC84D looks like.

```
.text, #text, p{  
    color:#9FC84D  
}
```

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 #9FC84D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FC84D
}
```

## Border

The CSS property to change the border of an element to Decimal 10471501 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
#9FC84D }
```

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

```
.border{ border-color:#9FC84D }
```

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

Here you see how a box with a 4 pixel #9FC84D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FC84D; -webkit-box-shadow:4px 4px  
4px 4px #9FC84D; box-shadow:4px 4px 4px  
4px #9FC84D }
```

# Background

The CSS property to change the background color of an element to Decimal 10471501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FC84D }
```

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

```
.background{ background-color:#9FC84D }
```

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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