

# Converting Colors

Decimal(12973385)

Have a look what the booklet for  
Decimal(12973385) contains.

<b>Decimal(12973385)</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(12973385)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5F549
RGB	197, 245, 73
RGB Percent	77%, 96%, 29%
CMY	0.2275, 0.0392, 0.7137
CMYK	0.20, 0.00, 0.70, 0.04
HSL	77°, 90%, 62%
HSV	77°, 70%, 96%
XYZ	56.8810, 77.6562, 18.2945
YIQ	211.0400, 26.6040, -63.6680

# Conversions

## Conversions Part 2

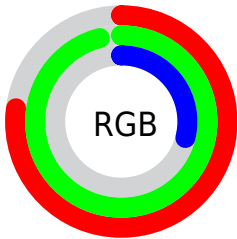
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 245, 121
Decimal	12973385
CIELab	90.62, -38.23, 73.47
CIELCh	91, 82.821, 117.488
Yxy	77.6562, 0.3722, 0.5081
Android (android.graphics.Color)	4291163465 (0xFFC5F549)
YUV	211.0400, -68.0537, -12.3131
Hunter-Lab	88.1227, -38.9976, 49.3771

# Details

The Decimal color **12973385** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light washed yellow. A complement of this color would be **7948789**, and the grayscale version is **13948116**.

A 20% lighter version of the original color is **16777091**, and **9157888** is the 20% darker color. If you saturate the color by 10%, you get **12514609**, and if you desaturate by 10%, it is **13432162**.

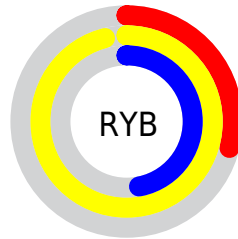
# Distribution



Red (77%)

Green (96%)

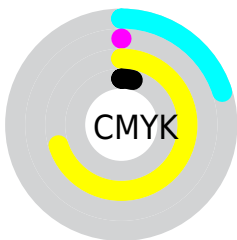
Blue (29%)



Red (29%)

Yellow (96%)

Blue (47%)

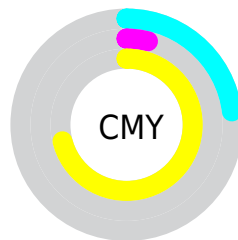


Cyan (20%)

Magenta (0%)

Yellow (70%)

Black (4%)



Cyan (23%)

Magenta (4%)


















Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12973385 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 12973385 by changing the saturation by 10% instead.



 12973385	 12973385
 16777215	 11065384
 16777091	 9157888
 16777120	 7250176
 16777149	 5408512
 16777178	 3501312
 16777208	 1266944
	 15616
	 10240
	 1024

 12973385

 12973385

 12514609

 13432162

 12055832

 13890938

 11662592

 14349715

 14742955

 15201732

 15660508

 16119285

 16578047

 16774655

# Harmonies

## Analogous

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



16768562



12973385



5373834

# Triad

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



12973385



65535



16751086

# Complementary

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



12973385



7948789

# 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.



16756735



12973385



61439

# Square

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



12973385



65535



14209791



16753056

# Rectangle

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



12973385



65471



14209791



16752383

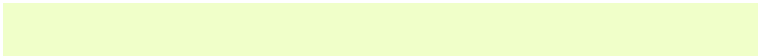


# Sweetspot

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



12973385



15794121



16086857



7831648



0



8421504



# Same Dimension

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



12973385



12844841



7468361



7830126



8829440



2767616



# Inverse Universe

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



7948789



6629887



13453813



7499386



3408058

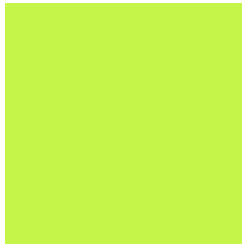


1048635



# Previews

## White Background



This preview shows how the Decimal color 12973385 looks on a white background.

## Color Contrast Check

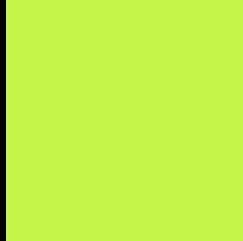
Large Text (above 18pt) WCAG AA × Fail

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 12973385 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 12973385 Background



This preview shows how black text looks on a background with the Decimal color 12973385.



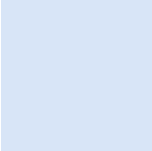
This preview shows how white text looks on a background with the Decimal color 12973385.

# 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](#).

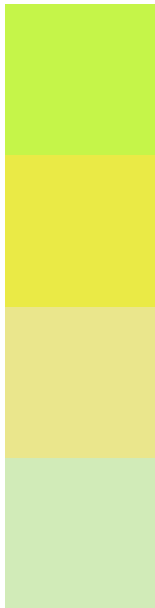
## Dichromacy





**Tritanopia**  
14214647

# Trichromacy



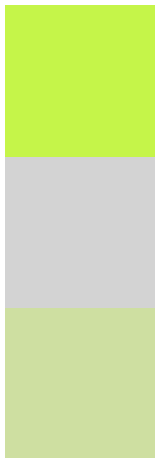
**Original Color**  
12973385

**Protanomaly**  
15395398

**Deuteranomaly**  
15394444

**Tritanomaly**  
13757368

# Monochromacy



**Original Color**  
12973385

**Achromatopsia**  
13882323

**Achromatomaly**  
13557665

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12973385 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 #C5F549 looks like.

```
.text, #text, p{  
  color:#C5F549  
}
```

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 #C5F549 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5F549
}
```

## Border

The CSS property to change the border of an element to Decimal 12973385 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
#C5F549 }
```

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

```
.border{ border-color:#C5F549 }
```

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

Here you see how a box with a 4 pixel #C5F549 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5F549; -webkit-box-shadow:4px 4px  
4px 4px #C5F549; box-shadow:4px 4px 4px  
4px #C5F549 }
```

# Background

The CSS property to change the background color of an element to Decimal 12973385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5F549 }
```

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

```
.background{ background-color:#C5F549 }
```

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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