

# Converting Colors

Decimal(12939002)

Have a look what the booklet for  
Decimal(12939002) contains.

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# Color

**Decimal(12939002)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C56EFA
RGB	197, 110, 250
RGB Percent	77%, 43%, 98%
CMY	0.2275, 0.5686, 0.0196
CMYK	0.21, 0.56, 0.00, 0.02
HSL	277°, 93%, 71%
HSV	277°, 56%, 98%
XYZ	45.8572, 29.9243, 93.8015
YIQ	151.9730, 6.9120, 61.9840

# Conversions

## Conversions Part 2

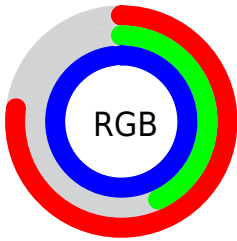
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 110, 250
Decimal	12939002
CIELab	61.59, 57.72, -56.53
CIElCh	62, 80.792, 315.598
Yxy	29.9243, 0.2704, 0.1765
Android (android.graphics.Color)	4291129082 (0xFFC56EFA)
YUV	151.9730, 48.3273, 39.4887
Hunter-Lab	54.7031, 53.9048, -63.3746

# Details

The Decimal color **12939002** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **10746478**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **16754175**, and **9189569** is the 20% darker color. If you saturate the color by 10%, you get **12342778**, and if you desaturate by 10%, it is **13535226**.

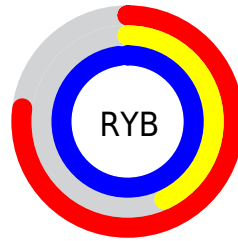
# Distribution



Red (77%)

Green (43%)

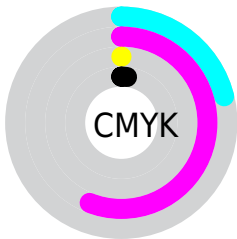
Blue (98%)



Red (77%)

Yellow (43%)

Blue (98%)

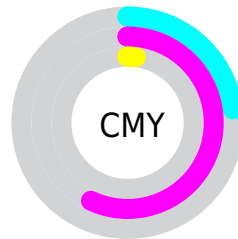


Cyan (21%)

Magenta (56%)

Yellow (0%)

Black (2%)



Cyan (23%)

Magenta (57%)
















Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12939002 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 12939002 by changing the saturation by 10% instead.



 12939002	 12939002
16777215	 11031517
 16754175	 9189569
 16761343	 7347109
 16768511	 5505162
 16776191	 3604592
	 1835095
	 62
	 807
	 273

 12939002

 12939002

 12342778

 13535226

 11681018

 14196986

 11084794

 14793210

 10423034

 15454970

 10158330

 16051194

 16711674

 16777210

# Harmonies

## Analogous

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



1741311



12939002



16730298

# Triad

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



12939002



13600000



46265

# Complementary

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



12939002



10746478

# 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.



45678



12939002



9542912

# Square

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



12939002



16605998



3255072



45818

# Rectangle

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



12939002



16727435



3255072



46241



# Sweetspot

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



12939002



15717631



7251194



7759488



0



8421504



# Same Dimension

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



12939002



12473599



16412394



7893117



7667901



2490429



# Inverse Universe

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



16412323



16733333



7273086



8220789



12386375



3997719



# Previews

## White Background



This preview shows how the Decimal color 12939002 looks on a white background.

## Color Contrast Check

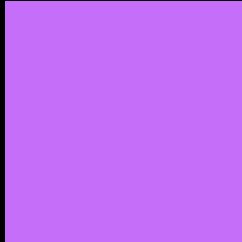
Large Text (above 18pt) WCAG AA ✓ Pass

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 12939002 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

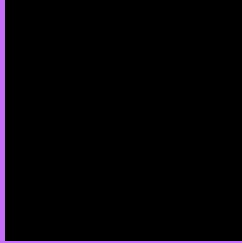
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12939002 Background



This preview shows how black text looks on a background with the Decimal color 12939002.




This preview shows how white text looks on a background with the Decimal color 12939002.

# 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



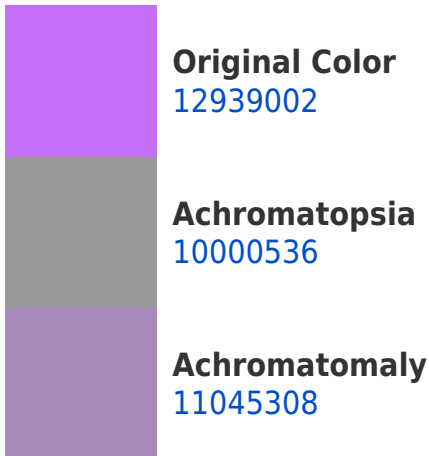


**Tritanopia**  
11831700

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12939002 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 #C56EFA looks like.

```
.text, #text, p{  
    color:#C56EFA  
}
```

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 #C56EFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C56EFA
}
```

## Border

The CSS property to change the border of an element to Decimal 12939002 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
#C56EFA }
```

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

```
.border{ border-color:#C56EFA }
```

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

Here you see how a box with a 4 pixel #C56EFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C56EFA; -webkit-box-shadow:4px 4px  
4px 4px #C56EFA; box-shadow:4px 4px 4px  
4px #C56EFA }
```

# Background

The CSS property to change the background color of an element to Decimal 12939002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C56EFA }
```

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

```
.background{ background-color:#C56EFA }
```

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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