

# Converting Colors

Decimal(12605947)

Have a look what the booklet for  
Decimal(12605947) contains.

<b>Decimal(12605947)</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(12605947)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C059FB
RGB	192, 89, 251
RGB Percent	75%, 35%, 98%
CMY	0.2471, 0.6510, 0.0157
CMYK	0.24, 0.65, 0.00, 0.02
HSL	278°, 95%, 67%
HSV	278°, 65%, 98%
XYZ	42.7232, 25.3163, 93.9016
YIQ	138.2650, 9.3860, 72.2180

# Conversions

## Conversions Part 2

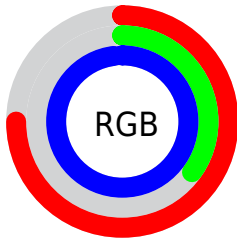
Format	Color
R <sub>Y</sub> B	192, 89, 251
Decimal	12605947
CIE Lab	57.38, 66.71, -63.85
CIE LCh	57, 92.341, 316.254
Yxy	25.3163, 0.2638, 0.1563
Android (android.graphics.Color)	4290796027 (0xFFC059FB)
YUV	138.2650, 55.5784, 47.1256
Hunter-Lab	50.3153, 63.5144, -75.4301

# Details

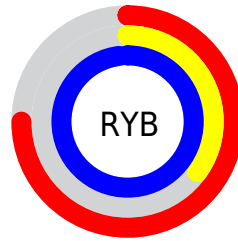
The Decimal color **12605947** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **9763673**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **16552447**, and **8789185** is the 20% darker color. If you saturate the color by 10%, you get **12009723**, and if you desaturate by 10%, it is **13202171**.

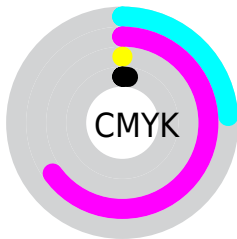
# Distribution



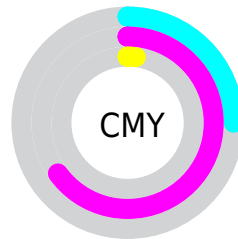
- Red (75%)
- Green (35%)
- Blue (98%)



- Red (75%)
- Yellow (35%)
- Blue (98%)



- Cyan (24%)
- Magenta (65%)
- Yellow (0%)
- Black (2%)


















- Cyan (25%)
- Magenta (65%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12605947 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 12605947 by changing the saturation by 10% instead.



 12605947	 12605947
16777215	 10698206
 16552447	 8789185
 16756223	 6881446
 16763647	 4980875
 16771071	 2949232
	 589911
	 62
	 807
	 273

■ 12605947

■ 12605947

■ 12009723

■ 13202171

■ 11413499

■ 13798395

■ 10817275

■ 14394619

■ 10486011

■ 15056379

■ 15652859

■ 16249083

■ 16777211

# Harmonies

## Analogous

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



34303



12605947



16712114

# Triad

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



12605947



12941568



43957

# Complementary

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



12605947



9763673

# 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.



43360



12605947



8360960

# Square

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



12605947



16337928



41472



43518

# Rectangle

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



12605947



16711805



41472



43929



# Sweetspot

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



12605947



15585279



5870843



7692928



0



8421504



# Same Dimension

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



12605947



12008447



16472549



7893117



7864509



2555965



# Inverse Universe

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



16472468



16726914



5897071



8220789



12386373

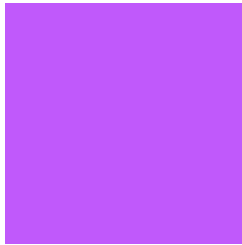


3997718



# Previews

## White Background



This preview shows how the Decimal color 12605947 looks on a white background.

## Color Contrast Check

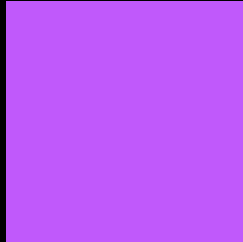
Large Text (above 18pt) WCAG AA ✓ Pass

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 12605947 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 12605947 Background



This preview shows how black text looks on a background with the Decimal color 12605947.

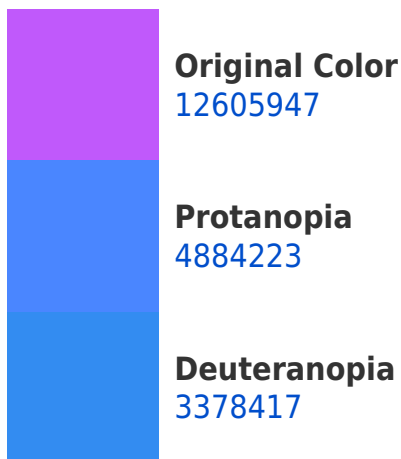



This preview shows how white text looks on a background with the Decimal color 12605947.

# 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**  
11369606

# Trichromacy



**Original Color**  
12605947



**Protanomaly**  
7698174



**Deuteranomaly**  
6715893



**Tritanomaly**  
11825073

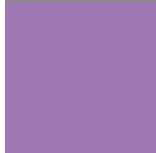
# Monochromacy



**Original Color**  
12605947



**Achromatopsia**  
9079434



**Achromatomaly**  
10385587

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12605947 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 #C059FB looks like.

```
.text, #text, p{  
    color:#C059FB  
}
```

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 #C059FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C059FB
}
```

## Border

The CSS property to change the border of an element to Decimal 12605947 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
#C059FB }
```

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

```
.border{ border-color:#C059FB }
```

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

Here you see how a box with a 4 pixel #C059FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C059FB; -webkit-box-shadow:4px 4px  
4px 4px #C059FB; box-shadow:4px 4px 4px  
4px #C059FB }
```

# Background

The CSS property to change the background color of an element to Decimal 12605947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C059FB }
```

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

```
.background{ background-color:#C059FB }
```

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