

# Converting Colors

Decimal(9314046)

Have a look what the booklet for  
Decimal(9314046) contains.

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**Color**

**Decimal(9314046)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 8E1EFE                    |
| RGB           | 142, 30, 254              |
| RGB Percent   | 56%, 12%, 100%            |
| CMY           | 0.4431, 0.8824, 0.0039    |
| CMYK          | 0.44, 0.88, 0.00, 0.00    |
| HSL           | 270°, 99%, 56%            |
| HSV           | 270°, 88%, 100%           |
| XYZ           | 29.5090, 13.8351, 94.8811 |
| YIQ           | 89.0240, -5.1520, 93.4080 |

# Conversions

## Conversions Part 2

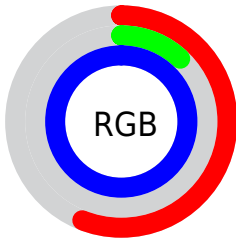
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 142, 30, 254                   |
| Decimal                             | 9314046                        |
| CIE <sub>Lab</sub>                  | 44.00, 79.96, -87.59           |
| CIE <sub>LCh</sub>                  | 44, 118.601, 312.394           |
| Yxy                                 | 13.8351, 0.2135,<br>0.1001     |
| Android<br>(android.graphics.Color) | 4287504126<br>(0xFF8E1EFE)     |
| YUV                                 | 89.0240, 81.3332,<br>46.4600   |
| Hunter-Lab                          | 37.1955, 76.5203,<br>-125.2043 |

# Details

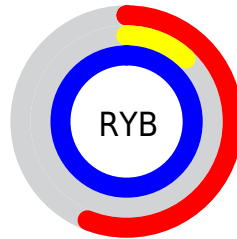
The Decimal color **9314046** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle washed purple. A complement of this color would be **9371166**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **13393919**, and **4980932** is the 20% darker color. If you saturate the color by 10%, you get **8455678**, and if you desaturate by 10%, it is **10172414**.

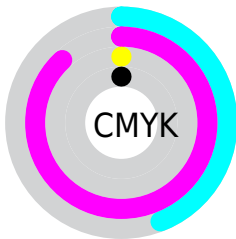
# Distribution



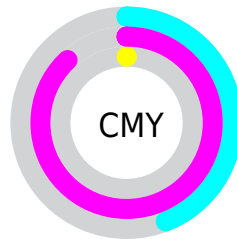
- Red (56%)
- Green (12%)
- Blue (100%)



- Red (56%)
- Yellow (12%)
- Blue (100%)



- Cyan (44%)
- Magenta (88%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (88%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9314046 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 9314046 by changing the saturation by 10% instead.



 9314046

 9314046

16777215

 7209185

 13393919

 4980932

 15498495

 2228392

 16751103

 140

 16758527

 113

 16765951

 1112

 16773631

 1599

 808

 274

■ 9314046

■ 9314046

■ 8455678

■ 10172414

■ 8323326

■ 10965502

■ 11823870

■ 12682494

■ 13540862

■ 14333694

■ 15192318

■ 16050686

16777214

# Harmonies

## Analogous

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



27903



9314046



15728806

# Triad

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



9314046



11357184



35217

# Complementary

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



9314046



9371166

# 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.



34340



9314046



5861632

# Square

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



9314046



15204352



32768



35823

# Rectangle

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



9314046



16711782



32768



34926



# Sweetspot

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



9314046



14597631



2002686



7100544



0



8421504



# Same Dimension

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



9314046



8388863



16654078



7959424



6291647



2097216



# Inverse Universe

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



16653966



16711808



2031134



8418169



12517472

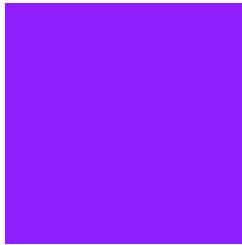


4194336



# Previews

## White Background



This preview shows how the Decimal color 9314046 looks on a white background.

## Color Contrast Check

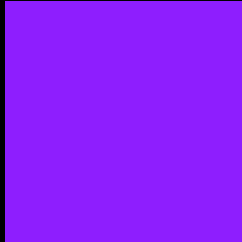
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 9314046 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

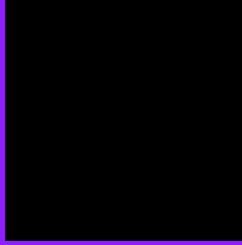
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 9314046 Background



This preview shows how black text looks on a background with the Decimal color 9314046.




This preview shows how white text looks on a background with the Decimal color 9314046.

# 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**  
7104110

# Trichromacy



**Original Color**  
9314046



**Protanomaly**  
3427299



**Deuteranomaly**  
3428304



**Tritanomaly**  
7883938

# Monochromacy



**Original Color**  
9314046



**Achromatopsia**  
5855577



**Achromatomaly**  
7095445

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9314046 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 #8E1EFE looks like.

```
.text, #text, p{  
    color:#8E1EFE  
}
```

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 #8E1EFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E1EFE
}
```

## Border

The CSS property to change the border of an element to Decimal 9314046 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
#8E1EFE }
```

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

```
.border{ border-color:#8E1EFE }
```

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

Here you see how a box with a 4 pixel #8E1EFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E1EFE; -webkit-box-shadow:4px 4px  
4px 4px #8E1EFE; box-shadow:4px 4px 4px  
4px #8E1EFE }
```

# Background

The CSS property to change the background color of an element to Decimal 9314046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E1EFE }
```

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

```
.background{ background-color:#8E1EFE }
```

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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