

Converting Colors

Decimal(8590078)

Have a look what the booklet for
Decimal(8590078) contains.

Decimal(8590078)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(8590078)

Conversions

Conversions Part 1

Format	Color
Hex	8312FE
RGB	131, 18, 254
RGB Percent	51%, 7%, 100%
CMY	0.4863, 0.9294, 0.0039
CMYK	0.48, 0.93, 0.00, 0.00
HSL	269°, 99%, 53%
HSV	269°, 93%, 100%
XYZ	27.4658, 12.4137, 94.7144
YIQ	78.6910, -8.4080, 97.3520

Conversions

Conversions Part 2

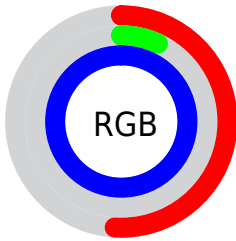
Format	Color
RYB	131, 18, 254
Decimal	8590078
CIELab	41.87, 81.14, -91.15
CIELCh	42, 122.033, 311.675
Yxy	12.4137, 0.2041, 0.0922
Android (android.graphics.Color)	4286780158 (0xFF8312FE)
YUV	78.6910, 86.4273, 45.8750
Hunter-Lab	35.2330, 77.4912, -134.7219

Details

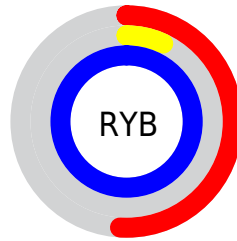
The Decimal color **8590078** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle washed purple. A complement of this color would be **9305618**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **12736767**, and **3997892** is the 20% darker color. If you saturate the color by 10%, you get **7995646**, and if you desaturate by 10%, it is **9448446**.

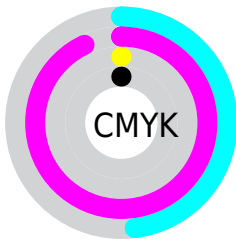
Distribution



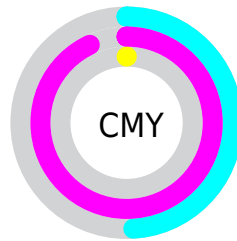
- Red (51%)
- Green (7%)
- Blue (100%)



- Red (51%)
- Yellow (7%)
- Blue (100%)



- Cyan (48%)
- Magenta (93%)
- Yellow (0%)
- Black (0%)




















- Cyan (49%)
- Magenta (93%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8590078 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 8590078 by changing the saturation by 10% instead.

 8590078	 8590078
16777215	 6422753
 12736767	 3997892
 14841343	 167
 16749311	 140
 16756735	 113
 16764159	 2647
 16771839	 1599
	 808
	 274

■ 8590078

■ 8590078

■ 7995646

■ 9448446

■ 10307070

■ 11230974

■ 12089598

■ 12947966

■ 13806334

■ 14730494

■ 15588862

■ 16447486

Harmonies

Analogous

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



27135



8590078



15401125

Triad

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



8590078



11092992



33674

Complementary

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



8590078



9305618

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.



32792



8590078



5532672

Square

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



8590078



15007744



31488



34539

Rectangle

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



8590078



16711779



31488



33383

Sweetspot

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



8590078



14334207



1216766



6902912



0



8421504

Same Dimension

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



8590078



7995647



16126718



7959424



6029503



2031680

Inverse Universe

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



16650893



16711813



1768978



8418169



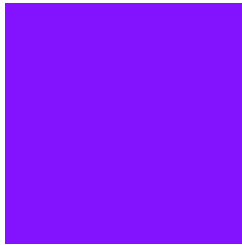
12517476



4194337

Previews

White Background



This preview shows how the Decimal color 8590078 looks on a white background.

Color Contrast Check

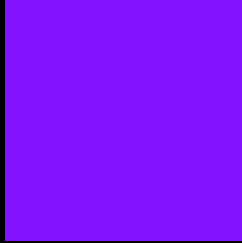
Large Text (above 18pt) WCAG AA ✓ Pass

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 8590078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

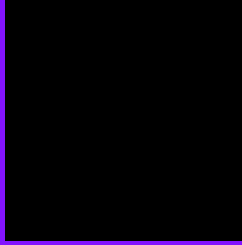
Any Text WCAG AA × Fail

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 8590078 Background



This preview shows how black text looks on a background with the Decimal color 8590078.



This preview shows how white text looks on a background with the Decimal color 8590078.

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
6055020

Trichromacy



Original Color
8590078



Protanomaly
3163356



Deuteranomaly
3164106



Tritanomaly
6964897

Monochromacy



Original Color
8590078



Achromatopsia
5197647



Achromatomaly
6437263

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8590078 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 #8312FE looks like.

```
.text, #text, p{  
    color:#8312FE  
}
```

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 #8312FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8312FE
}
```

Border

The CSS property to change the border of an element to Decimal 8590078 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".

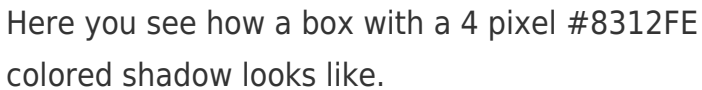
```
.border, #border, table{ border:4px solid
#8312FE }
```

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

```
.border{ border-color:#8312FE }
```

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

Here you see how a box with a 4 pixel #8312FE colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8312FE; -webkit-box-shadow:4px 4px  
4px 4px #8312FE; box-shadow:4px 4px 4px  
4px #8312FE }
```

Background

The CSS property to change the background color of an element to Decimal 8590078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8312FE }
```

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

```
.background{ background-color:#8312FE }
```

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