

# Converting Colors

Decimal(8519931)

Have a look what the booklet for  
Decimal(8519931) contains.

<b>Decimal(8519931)</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(8519931)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8200FB
RGB	130, 0, 251
RGB Percent	51%, 0%, 98%
CMY	0.4902, 1.0000, 0.0157
CMYK	0.48, 1.00, 0.00, 0.02
HSL	271°, 100%, 49%
HSV	271°, 100%, 98%
XYZ	26.6185, 11.7109, 92.1243
YIQ	67.4840, -3.0910, 105.6210

# Conversions

## Conversions Part 2

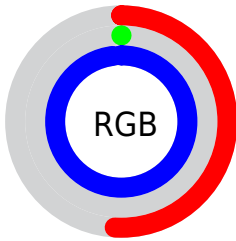
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 0, 251
Decimal	8519931
CIE <sub>Lab</sub>	40.75, 82.50, -91.31
CIE <sub>LCh</sub>	41, 123.065, 312.099
Yxy	11.7109, 0.2040, 0.0898
Android (android.graphics.Color)	4286710011 (0xFF8200FB)
YUV	67.4840, 90.4734, 54.8265
Hunter-Lab	34.2211, 78.9571, -135.6556

# Details

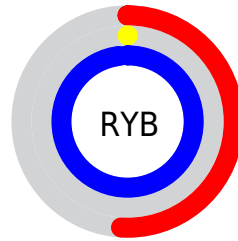
The Decimal color **8519931** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark saturated purple. A complement of this color would be **7994112**, and the grayscale version is **4408131**.

A 20% lighter version of the original color is **12669951**, and **3932353** is the 20% darker color. If you saturate the color by 10%, you get **8519931**, and if you desaturate by 10%, it is **9312763**.

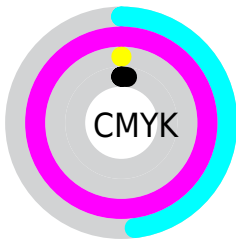
# Distribution



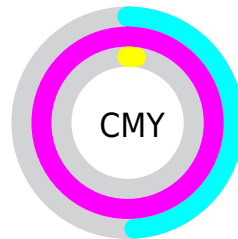
- Red (51%)
- Green (0%)
- Blue (98%)



- Red (51%)
- Yellow (0%)
- Blue (98%)



- Cyan (48%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)





















- Cyan (49%)
- Magenta (100%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8519931 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 8519931 by changing the saturation by 10% instead.



 8519931	 8519931
 16777215	 6357214
 12669951	 3932353
 14774527	 165
 16748031	 137
 16755455	 111
 16762879	 3157
 16770559	 1597
	 806
	 271

 8519931

 9312763

 10105595

 10898427

 11691259

 12484347

 13342715

 14135547

 14928379

 15721211

# Harmonies

## Analogous

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



26367



8519931



15270049

# Triad

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



8519931



10830080



32905

# Complementary

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



8519931



7994112

# 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.



32022



8519931



5204224

# Square

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



8519931



14745600



30720



33770

# Rectangle

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



8519931



16646239



30720



32613



# Sweetspot

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



8519931



14332927



31227



6902400



0



8421504



# Same Dimension

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



8519931



8651007



16449783



7827581



6422717



2097213



# Inverse Universe

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



16449657



16711803



64260



8220790



12386395

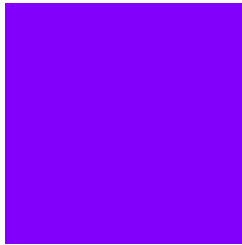


3997726



# Previews

## White Background



This preview shows how the Decimal color 8519931 looks on a white background.

## Color Contrast Check

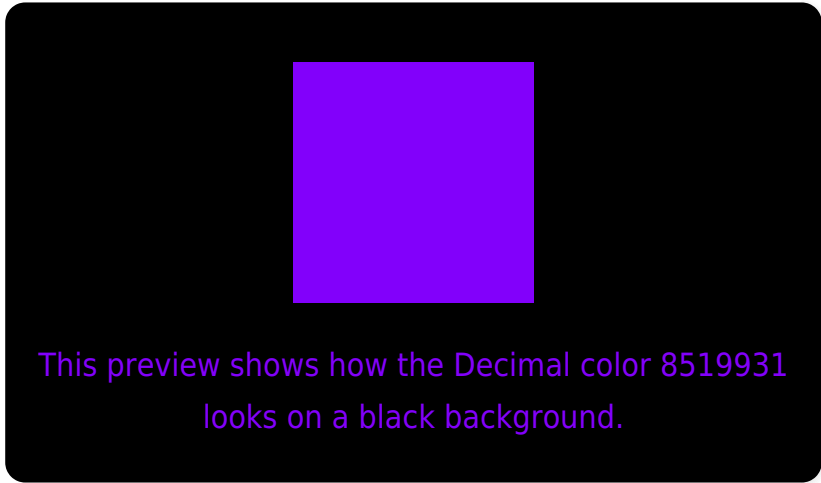
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

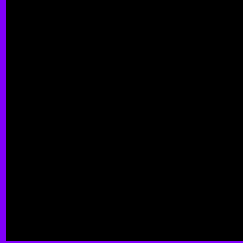
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Decimal 8519931 Background



This preview shows how black text looks on a background with the Decimal color 8519931.

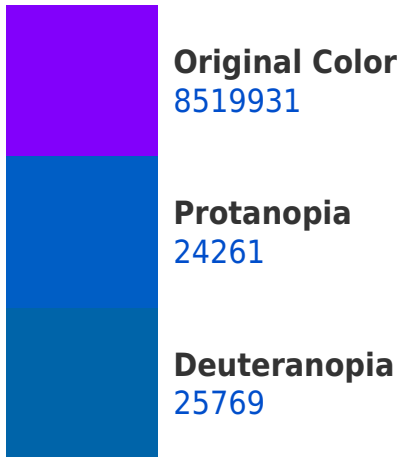


This preview shows how white text looks on a background with the Decimal color 8519931.

# 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**  
5988970

# Trichromacy



**Original Color**  
8519931



**Protanomaly**  
3095769



**Deuteranomaly**  
3096775



**Tritanomaly**  
6897311

# Monochromacy



**Original Color**  
8519931



**Achromatopsia**  
4408131



**Achromatomaly**  
5909382

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8519931 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 #8200FB looks like.

```
.text, #text, p{  
    color:#8200FB  
}
```

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 #8200FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8200FB
}
```

## Border

The CSS property to change the border of an element to Decimal 8519931 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
#8200FB }
```

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

```
.border{ border-color:#8200FB }
```

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

Here you see how a box with a 4 pixel #8200FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8200FB; -webkit-box-shadow:4px 4px  
4px 4px #8200FB; box-shadow:4px 4px 4px  
4px #8200FB }
```

# Background

The CSS property to change the background color of an element to Decimal 8519931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8200FB }
```

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

```
.background{ background-color:#8200FB }
```

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](#)