

Converting Colors

Hex(8300F9)

Have a look what the booklet for
Hex(8300F9) contains.

Hex(8300F9)	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

Hex(8300F9)

Conversions

Conversions Part 1

Format	Color
Hex	8300F9
RGB	131, 0, 249
RGB Percent	51%, 0%, 98%
CMY	0.4863, 1.0000, 0.0235
CMYK	0.47, 1.00, 0.00, 0.02
HSL	272°, 100%, 49%
HSV	272°, 100%, 98%
XYZ	26.4590, 11.6648, 90.4795
YIQ	67.5550, -1.8530, 105.2110

Conversions

Conversions Part 2

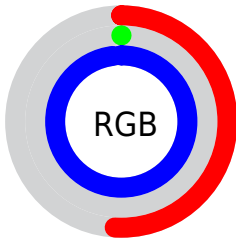
Format	Color
R_{YB}	131, 0, 249
Decimal	8585465
CIE _{Lab}	40.68, 82.17, -90.31
CIE _{LCh}	41, 122.096, 312.299
Yxy	11.6648, 0.2057, 0.0907
Android (android.graphics.Color)	4286775545 (0xFF8300F9)
YUV	67.5550, 89.4524, 55.6413
Hunter-Lab	34.1538, 78.5146, -133.1620

Details

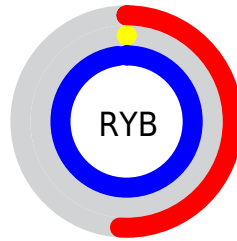
The Hex color **8300F9** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark saturated purple. A complement of this color would be **76F900**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **C253FF**, and **3E00BF** is the 20% darker color. If you saturate the color by 10%, you get **8300F9**, and if you desaturate by 10%, it is **8F19F9**.

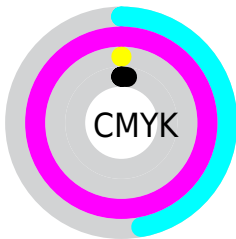
Distribution



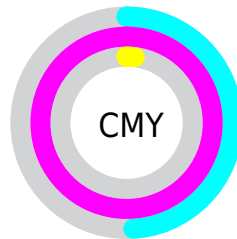
- Red (51%)
- Green (0%)
- Blue (98%)



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



- Cyan (47%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 8300F9 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 Hex color 8300F9 by changing the saturation by 10% instead.

 8300F9

 8300F9

FFFFFF

 6200DC


 C253FF

 3E00BF

 E170FF

 0000A3

 FF8DFF

 000087

 FFAAFF


 00006D

 FFC7FF

 000B53

 FFE5FF

 00063B

 000225

 00010D

 8300F9

 8F19F9

 9B32F9

 A64BF9

 B264F9

 BE7DF9

 CA95F9

 D6AEF9

 E1C7F9

 EDE0F9

Harmonies

Analogous

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



0065FF



8300F9



E8009F

Triad

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



8300F9



A44200



008089

Complementary

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



8300F9



76F900

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.



007D18



8300F9



4E6900

Square

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



8300F9



E00000



007800



0082E9

Rectangle

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



8300F9



FC005E



007800



007F66

Sweetspot

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



8300F9



DBB3FF



0078F9



6A5280



000000



808080

Same Dimension

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



8300F9



8600FF



F900F5



77707D



6300BD



20003D

Inverse Universe

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



F90076



FF0079



00F904



7D7076



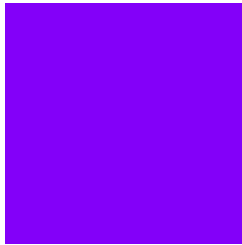
BD0059



3D001D

Previews

White Background



This preview shows how the Hex color 8300F9 looks on a white background.

Color Contrast Check

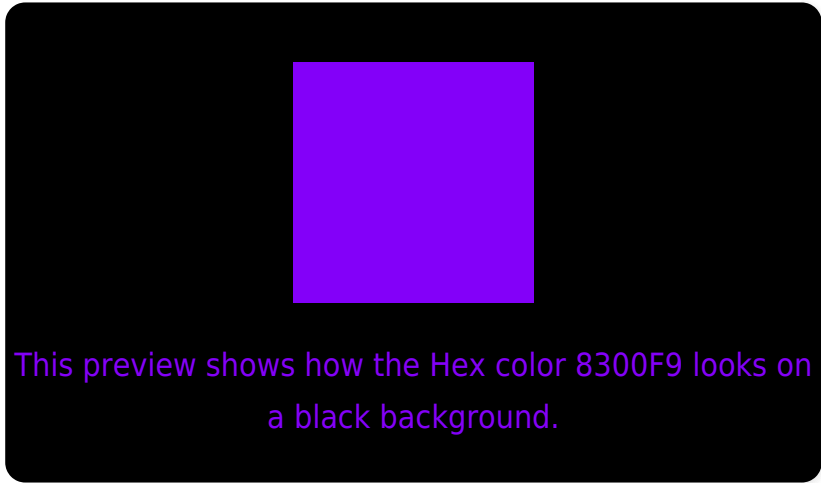
Large Text (above 18pt) WCAG AA ✓ Pass

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

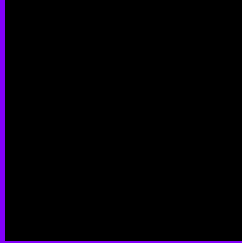
Any Text WCAG AA × Fail

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](#).

Hex 8300F9 Background



This preview shows how black text looks on a background with the Hex color 8300F9.

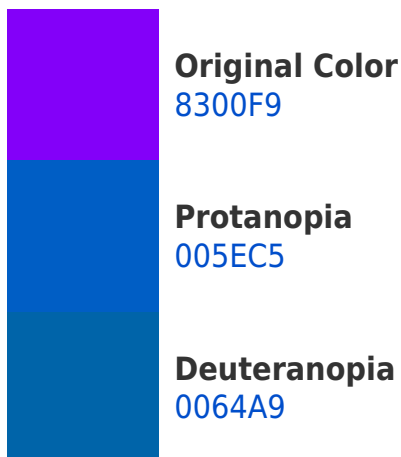


This preview shows how white text looks on a background with the Hex color 8300F9.

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
5E6169

Trichromacy



Original Color
8300F9



Protanomaly
303CD8



Deuteranomaly
3040C6



Tritanomaly
6B3E9D

Monochromacy



Original Color
8300F9



Achromatopsia
444444



Achromatomaly
5B2B86

CSS Examples

Text

The CSS property to change the color of the text to Hex 8300F9 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 #8300F9 looks like.

```
.text, #text, p{  
    color:#8300F9  
}
```

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 #8300F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8300F9
}
```

Border

The CSS property to change the border of an element to Hex 8300F9 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
#8300F9 }
```

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

```
.border{ border-color:#8300F9 }
```

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

Here you see how a box with a 4 pixel #8300F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8300F9; -webkit-box-shadow:4px 4px  
4px 4px #8300F9; box-shadow:4px 4px 4px  
4px #8300F9 }
```

Background

The CSS property to change the background color of an element to Hex 8300F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8300F9 }
```

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

```
.background{ background-color:#8300F9 }
```

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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