

Converting Colors

Hex(8300FF)

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

Hex(8300FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	26

Color

Hex(8300FF)

Conversions

Conversions Part 1

Format	Color
Hex	8300FF
RGB	131, 0, 255
RGB Percent	51%, 0%, 100%
CMY	0.4863, 1.0000, 0.0000
CMYK	0.49, 1.00, 0.00, 0.00
HSL	271°, 100%, 50%
HSV	271°, 100%, 100%
XYZ	27.4101, 12.0453, 95.4880
YIQ	68.2390, -3.7790, 107.0770

Conversions

Conversions Part 2

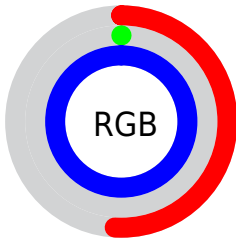
Format	Color
R_{YB}	131, 0, 255
Decimal	8585471
CIE _{Lab}	41.29, 83.41, -92.66
CIE _{LCh}	41, 124.674, 311.991
Yxy	12.0453, 0.2031, 0.0893
Android (android.graphics.Color)	4286775551 (0xFF8300FF)
YUV	68.2390, 92.0732, 55.0414
Hunter-Lab	34.7063, 80.2381, -138.8310

Details

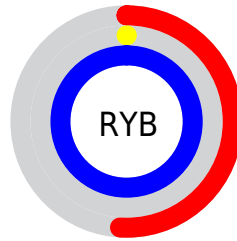
The Hex color **8300FF** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark saturated purple. A complement of this color would be **7CFF00**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **C353FF**, and **3C00C5** is the 20% darker color. If you saturate the color by 10%, you get **8300FF**, and if you desaturate by 10%, it is **8F19FF**.

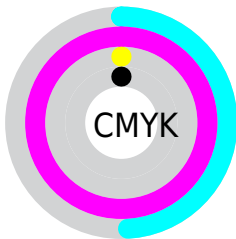
Distribution



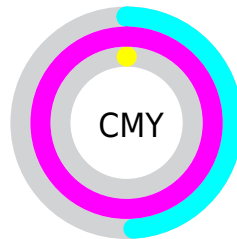
- Red (51%)
- Green (0%)
- Blue (100%)



- Red (51%)
- Yellow (0%)
- Blue (100%)



- Cyan (49%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 8300FF

 8300FF

FFFFFF

 6200E1

 C353FF

 3C00C5

 E271FF

 0000A8

 FF8EFF

 00008D

 FFABFF

 000072


 FFC8FF

 000B58

 FFE6FF

 000740

 000329

 000113

 8300FF

 8F19FF

 9C33FF

 A84DFF

 B566FF

 C180FF

 CD99FF

 DAB3FF

 E6CCFF

 F3E6FF

Harmonies

Analogous

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



0068FF



8300FF



EC00A3

Triad

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



8300FF



A74200



00828A

Complementary

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



8300FF



7CFF00

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.



007F15



8300FF



506B00

Square

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



8300FF



E50000



007A00



0085ED

Rectangle

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



8300FF



FF0061



007A00



008166

Sweetspot

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



8300FF



DAB3FF



0080FF



695280



000000



808080

Same Dimension

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



8300FF



FF00FF



797380



6200BF



210040

Inverse Universe

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



FF007C



00FF00



807379



BF005D



40001F

Previews

White Background



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

Color Contrast Check

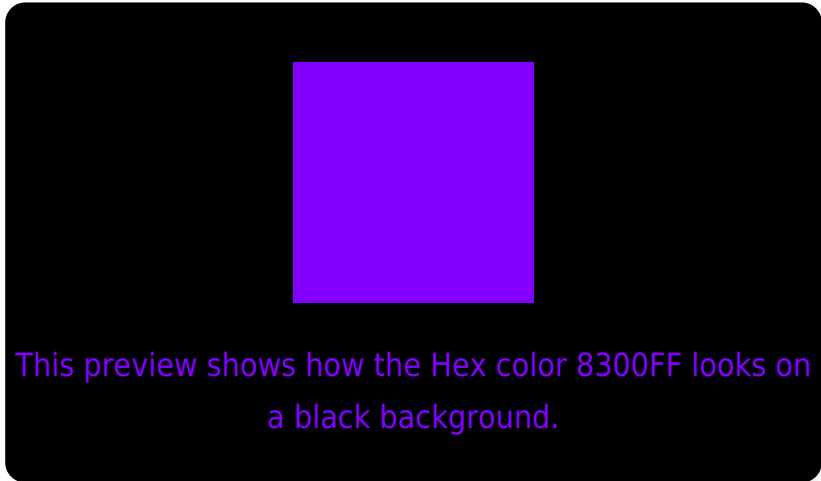
Large Text (above 18pt) WCAG AA ✓ Pass

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

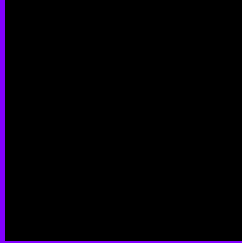
Any Text WCAG AA × Fail

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 8300FF Background



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



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

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



Trichromacy



Original Color
8300FF

Protanomaly
303CDC

Tritanomaly
6A3FA1

Monochromacy



Original Color
8300FF

Achromatopsia
444444

Achromatomaly
5B2B88

CSS Examples

Text

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

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

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 #8300FF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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