

Converting Colors

Hex(8300CC)

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

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Color

Hex(8300CC)

Conversions

Conversions Part 1

Format	Color
Hex	8300CC
RGB	131, 0, 204
RGB Percent	51%, 0%, 80%
CMY	0.4863, 1.0000, 0.2000
CMYK	0.36, 1.00, 0.00, 0.20
HSL	279°, 100%, 40%
HSV	279°, 100%, 80%
XYZ	20.2592, 9.1849, 57.8318
YIQ	62.4250, 12.5920, 91.2160

Conversions

Conversions Part 2

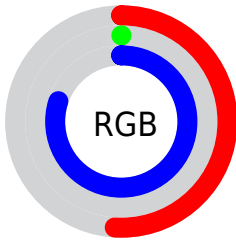
Format	Color
RYB	131, 0, 204
Decimal	8585420
CIELab	36.34, 73.08, -71.73
CIELCh	36, 102.401, 315.533
Yxy	9.1849, 0.2321, 0.1052
Android (android.graphics.Color)	4286775500 (0xFF8300CC)
YUV	62.4250, 69.7965, 60.1403
Hunter-Lab	30.3066, 66.2857, -91.9239

Details

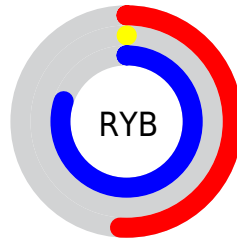
The Hex color **8300CC** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **49CC00**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **BE4FFF**, and **470094** is the 20% darker color. If you saturate the color by 10%, you get **8300CC**, and if you desaturate by 10%, it is **8A14CC**.

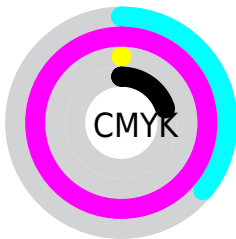
Distribution



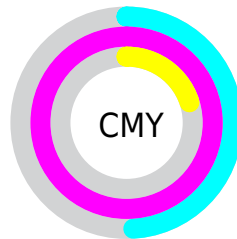
- Red (51%)
- Green (0%)
- Blue (80%)



- Red (51%)
- Yellow (0%)
- Blue (80%)



- Cyan (36%)
- Magenta (100%)
- Yellow (0%)
- Black (20%)



- Cyan (49%)
- Magenta (100%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 8300CC

 8300CC

FFFFFF

 6500B0

 BE4FFF

 470094

 DD6BFF

 24007A


 FB88FF

 000060

 FFA4FF

 000047

 FFC1FF

 00042F

 FFDEFF

 00011A

 FFFCFF

 000000

 8300CC

 8A14CC

 9229CC

 993DCC

 A052CC

 A866CC

 AF7ACC

 B68FCC

 BDA3CC

 C5B8CC

Harmonies

Analogous

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



0055FA



8300CC



CB0081

Triad

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



8300CC



894300



007180

Complementary

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



8300CC



49CC00

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.



006F28



8300CC



405F00

Square

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



8300CC



BD0000



006B00



0073CD

Rectangle

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



8300CC



D8004B



006B00



007164

Sweetspot

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



8300CC



E4B3FF



004BCC



6F5280



000000



808080

Same Dimension

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



8300CC



A400FF



CC00B1



625C66



6A00A6



190026

Inverse Universe

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



CC0049



FF005B



00CC1B



665C5F



A6003B



26000E

Previews

White Background



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

Color Contrast Check

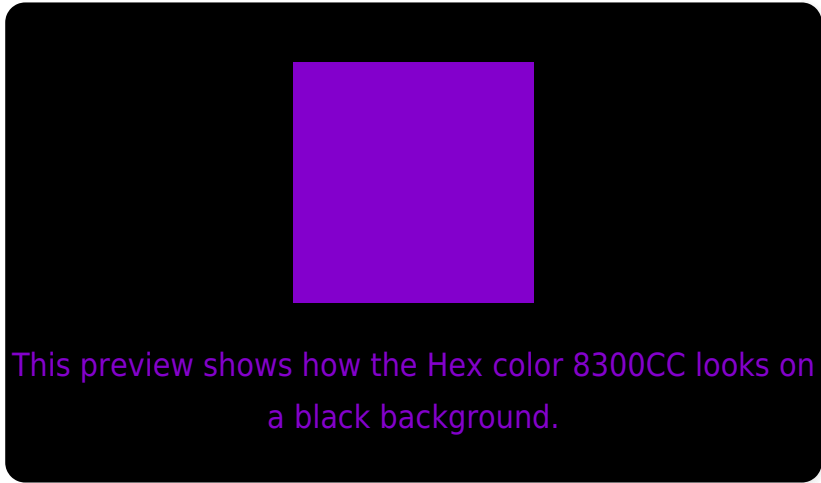
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

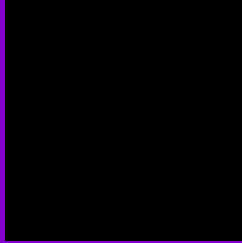
Any Text WCAG AA × Fail

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 8300CC Background



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



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

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
8300CC

Deuteranomaly
3039AC

Tritanomaly
743381

Monochromacy



Original Color
8300CC

Achromatopsia
3E3E3E

Achromatomaly
572772

CSS Examples

Text

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

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

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 #8300CC colored shadow looks like.

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

Border

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

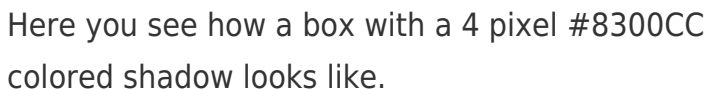
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8300CC }
```

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

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

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



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

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

Background

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

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

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

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

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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