

Converting Colors

Hex(8300BB)

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

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Color

Hex(8300BB)

Conversions

Conversions Part 1

Format	Color
Hex	8300BB
RGB	131, 0, 187
RGB Percent	51%, 0%, 73%
CMY	0.4863, 1.0000, 0.2667
CMYK	0.30, 1.00, 0.00, 0.27
HSL	282°, 100%, 37%
HSV	282°, 100%, 73%
XYZ	18.3297, 8.4132, 47.6715
YIQ	60.4870, 18.0490, 85.9290

Conversions

Conversions Part 2

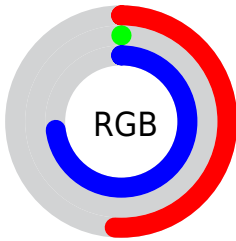
Format	Color
R_{YB}	131, 0, 187
Decimal	8585403
CIE _{Lab}	34.83, 69.78, -64.23
CIE _{LCh}	35, 94.844, 317.373
Yxy	8.4132, 0.2463, 0.1131
Android (android.graphics.Color)	4286775483 (0xFF8300BB)
YUV	60.4870, 62.3709, 61.8399
Hunter-Lab	29.0054, 62.0419, -77.1416

Details

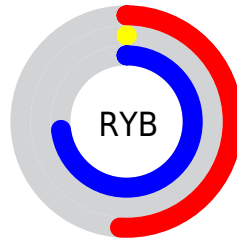
The Hex color **8300BB** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **38BB00**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **BD4DF4**, and **490084** is the 20% darker color. If you saturate the color by 10%, you get **8300BB**, and if you desaturate by 10%, it is **8913BB**.

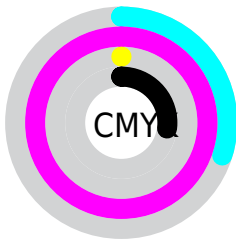
Distribution



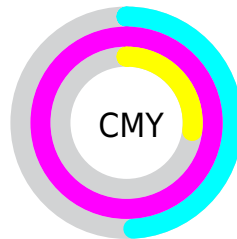
- Red (51%)
- Green (0%)
- Blue (73%)



- Red (51%)
- Yellow (0%)
- Blue (73%)



- Cyan (30%)
- Magenta (100%)
- Yellow (0%)
- Black (27%)



- Cyan (49%)
- Magenta (100%)
- Yellow (27%)
- Black (24%)

Brightness & Saturation Gradients

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

 8300BB

 8300BB

FFFFFF

 66009F

 BD4DF4

 490084

 DB6AFF

 2B006A

 F986FF

 010051

 FFA2FF

 000239

 FFBFFF

 000222

 FFDCFF

 000009

 FFFAFF

 000000

 8300BB

 8913BB

 8E25BB

 9438BB

 994BBB

 9F5EBB

 A570BB

 AA83BB

 B096BB

 B5A8BB

Harmonies

Analogous

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



004FE7



8300BB



C00075

Triad

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



8300BB



7F4300



006C7E

Complementary

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



8300BB



38BB00

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.



006A2D



8300BB



3A5C00

Square

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



8300BB



AF0000



006600



006DC3

Rectangle

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



8300BB



CB0044



006600



006C64

Sweetspot

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



8300BB



DCAAF2



0038BB



6D4E7A



FAFAFA



7A7A7A

Same Dimension

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



8300BB



AA00F2



BB0096



5C555E



6F009E



15001F

Inverse Universe

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



BB0038



F20049



00BB25



5E5558



9E002F



1F0009

Previews

White Background



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

Color Contrast Check

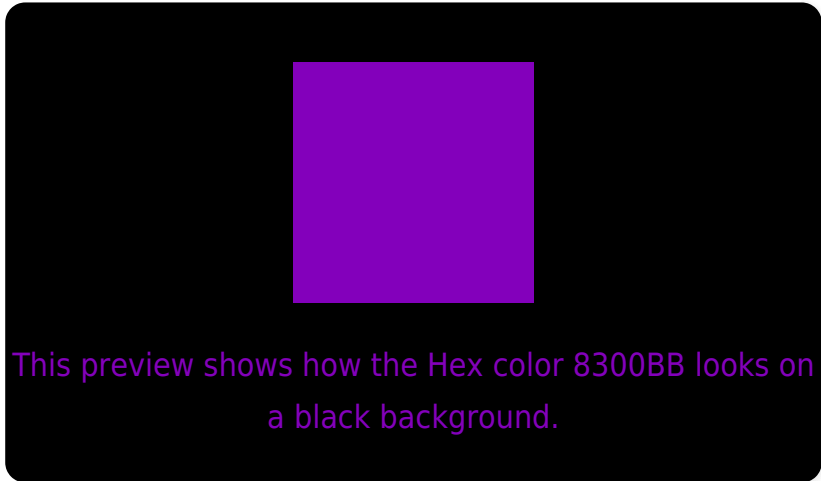
Large Text (above 18pt) WCAG AA ✓ Pass

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

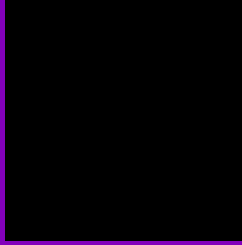
Any Text WCAG AA × Fail

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 8300BB Background



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

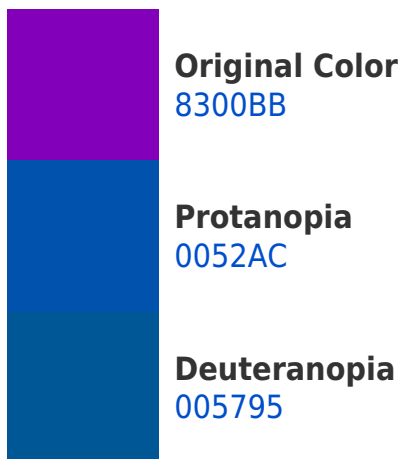



This preview shows how white text looks on a background with the Hex color 8300BB.

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
71494F

Trichromacy



Original Color
8300BB



Protanomaly
3034B1



Deuteranomaly
3037A3



Tritanomaly
782E76

Monochromacy



Original Color
8300BB



Achromatopsia
3C3C3C



Achromatomaly
56266A

CSS Examples

Text

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

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

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 #8300BB colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 8300BB 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".

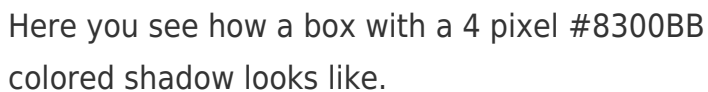
```
.border, #border, table{ border:4px solid  
#8300BB }
```

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

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

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

Here you see how a box with a 4 pixel #8300BB 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 #8300BB; -webkit-box-shadow:4px 4px  
4px 4px #8300BB; box-shadow:4px 4px 4px  
4px #8300BB }
```

Background

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

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

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

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

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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