

Converting Colors

Hex(8300C8)

Have a look what the booklet for
Hex(8300C8) contains.

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Color

Hex(8300C8)

Conversions

Conversions Part 1

Format	Color
Hex	8300C8
RGB	131, 0, 200
RGB Percent	51%, 0%, 78%
CMY	0.4863, 1.0000, 0.2157
CMYK	0.35, 1.00, 0.00, 0.22
HSL	279°, 100%, 39%
HSV	279°, 100%, 78%
XYZ	19.7854, 8.9954, 55.3371
YIQ	61.9690, 13.8760, 89.9720

Conversions

Conversions Part 2

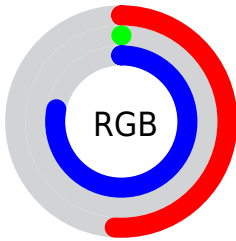
Format	Color
RYB	131, 0, 200
Decimal	8585416
CIELab	35.98, 72.30, -69.99
CIElCh	36, 100.626, 315.927
Yxy	8.9954, 0.2352, 0.1069
Android (android.graphics.Color)	4286775496 (0xFF8300C8)
YUV	61.9690, 68.0493, 60.5402
Hunter-Lab	29.9924, 65.2664, -88.3976

Details

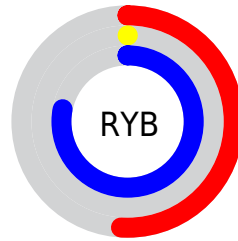
The Hex color **8300C8** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **45C800**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **BE4EFF**, and **470091** is the 20% darker color. If you saturate the color by 10%, you get **8300C8**, and if you desaturate by 10%, it is **8A14C8**.

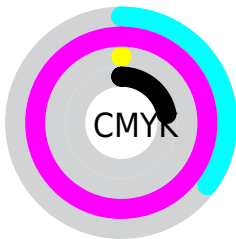
Distribution



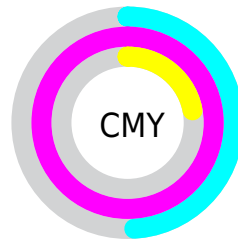
- Red (51%)
- Green (0%)
- Blue (78%)



- Red (51%)
- Yellow (0%)
- Blue (78%)



- Cyan (35%)
- Magenta (100%)
- Yellow (0%)
- Black (22%)



- Cyan (49%)
- Magenta (100%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8300C8 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 8300C8 by changing the saturation by 10% instead.

 8300C8

 8300C8

FFFFFF

 6500AC

 BE4EFF

 470091

 DC6BFF

 260076

 FB87FF

 00005C

 FFA4FF

 000044

 FFC1FF

 00032C

 FFDEFF

 000117

 FFFCFF

 000000

 8300C8

 8A14C8

 9128C8

 983CC8

 9F50C8

 A664C8

 AC78C8

 B38CC8

 BAA0C8

 C1B4C8

Harmonies

Analogous

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



0054F6



8300C8



C9007E

Triad

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



8300C8



864300



007080

Complementary

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



8300C8



45C800

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.



006E29



8300C8



3E5E00

Square

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



8300C8



B90000



006A00



0071CA

Rectangle

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



8300C8



D5004A



006A00



006F64

Sweetspot

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



8300C8



E5B3FF



0046C8



705280



000000



808080

Same Dimension

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



8300C8



A700FF



C800AA



605A63



6B00A3



170024

Inverse Universe

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



C80045



FF0058



00C81E



635A5D



A30038



24000C

Previews

White Background



This preview shows how the Hex color 8300C8 looks on a white background.

Color Contrast Check

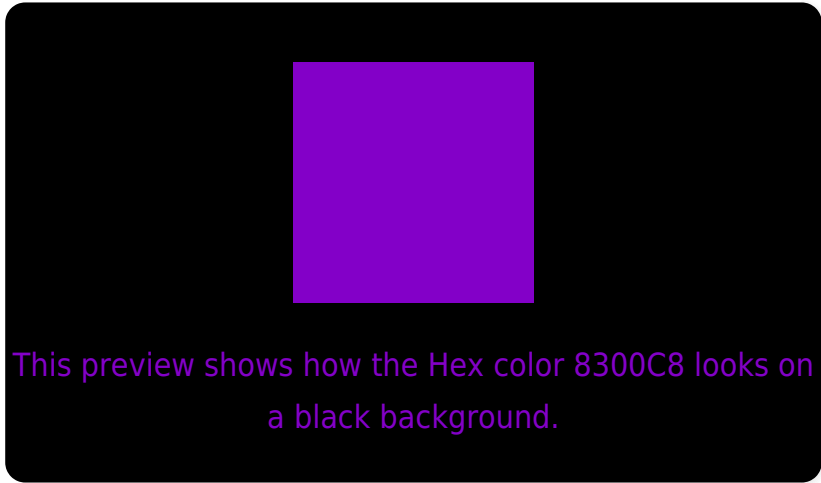
Large Text (above 18pt) WCAG AA ✓ Pass

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

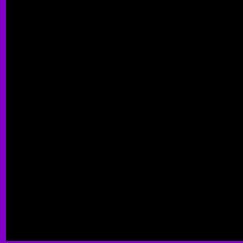
Any Text WCAG AA × Fail

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 8300C8 Background



This preview shows how black text looks on a background with the Hex color 8300C8.

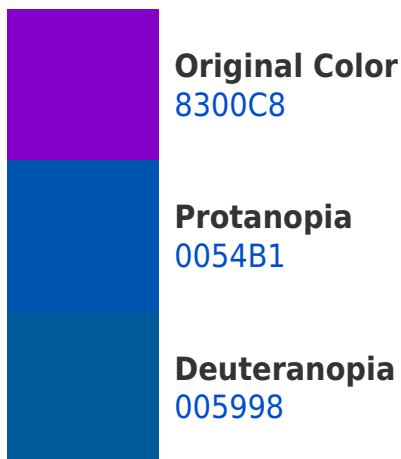


This preview shows how white text looks on a background with the Hex color 8300C8.

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
6D4E54

Trichromacy



Original Color
8300C8



Protanomaly
3035B9



Deuteranomaly
3039A9



Tritanomaly
75327E

Monochromacy



Original Color
8300C8



Achromatopsia
3E3E3E



Achromatomaly
572770

CSS Examples

Text

The CSS property to change the color of the text to Hex 8300C8 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 #8300C8 looks like.

```
.text, #text, p{  
    color:#8300C8  
}
```

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 #8300C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8300C8
}
```

Border

The CSS property to change the border of an element to Hex 8300C8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

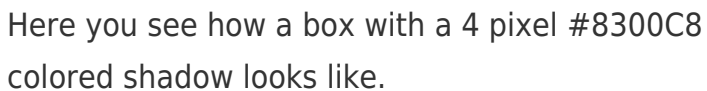
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8300C8 }
```

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

```
.border{ border-color:#8300C8 }
```

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



Here you see how a box with a 4 pixel #8300C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8300C8; -webkit-box-shadow:4px 4px  
4px 4px #8300C8; box-shadow:4px 4px 4px  
4px #8300C8 }
```

Background

The CSS property to change the background color of an element to Hex 8300C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8300C8 }
```

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

```
.background{ background-color:#8300C8 }
```

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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