

Converting Colors

Hex(8A00D7)

Have a look what the booklet for
Hex(8A00D7) contains.

Hex(8A00D7)	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>	28

Color

Hex(8A00D7)

Conversions

Conversions Part 1

Format	Color
Hex	8A00D7
RGB	138, 0, 215
RGB Percent	54%, 0%, 84%
CMY	0.4588, 1.0000, 0.1569
CMYK	0.36, 1.00, 0.00, 0.16
HSL	279°, 100%, 42%
HSV	279°, 100%, 84%
XYZ	22.7470, 10.3096, 65.0810
YIQ	65.7720, 13.2330, 96.1210

Conversions

Conversions Part 2

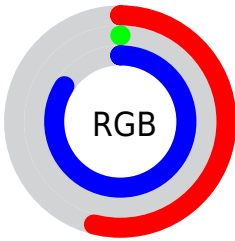
Format	Color
RYB	138, 0, 215
Decimal	9044183
CIELab	38.39, 75.98, -74.69
CIElCh	38, 106.546, 315.490
Yxy	10.3096, 0.2318, 0.1051
Android (android.graphics.Color)	4287234263 (0xFF8A00D7)
YUV	65.7720, 73.5694, 63.3440
Hunter-Lab	32.1085, 70.2667, -97.6994

Details

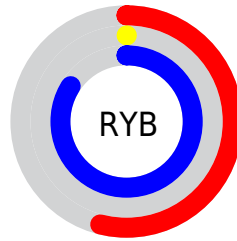
The Hex color **8A00D7** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **4DD700**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **C651FF**, and **4D009F** is the 20% darker color. If you saturate the color by 10%, you get **8A00D7**, and if you desaturate by 10%, it is **9215D7**.

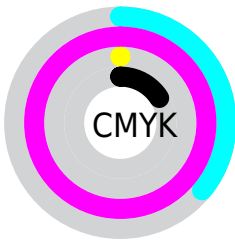
Distribution



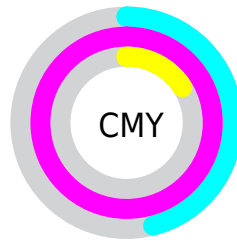
- Red (54%)
- Green (0%)
- Blue (84%)



- Red (54%)
- Yellow (0%)
- Blue (84%)



- Cyan (36%)
- Magenta (100%)
- Yellow (0%)
- Black (16%)



- Cyan (46%)
- Magenta (100%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A00D7 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 8A00D7 by changing the saturation by 10% instead.

 8A00D7

 8A00D7

FFFFFF

 6C00BB

 C651FF

 4D009F

 E46EFF

 2B0084

 FF8BFF

 00006A

 FFA7FF

 000050

 FFC4FF

 000538

 FFE2FF

 000222

 000007

 000000

 8A00D7

 9215D7

 992BD7

 A141D7

 A956D7

 B16CD7

 B881D7

 C097D7

 C8ACD7

 CFC2D7

Harmonies

Analogous

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



005AFF



8A00D7



D60088

Triad

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



8A00D7



904700



007887

Complementary

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



8A00D7



4DD700

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.



00752A



8A00D7



436500

Square

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



8A00D7



C70000



007100



0079D8

Rectangle

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



8A00D7



E40050



007100



007769

Sweetspot

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



8A00D7



E4B3FF



004FD7



6F5280



000000



808080

Same Dimension

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



8A00D7



A400FF



D700BA



67606B



6E00AB



1C002B

Inverse Universe

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



D7004D



FF005B



00D71D



6B6064



AB003D



2B0010

Previews

White Background



This preview shows how the Hex color 8A00D7 looks on a white background.

Color Contrast Check

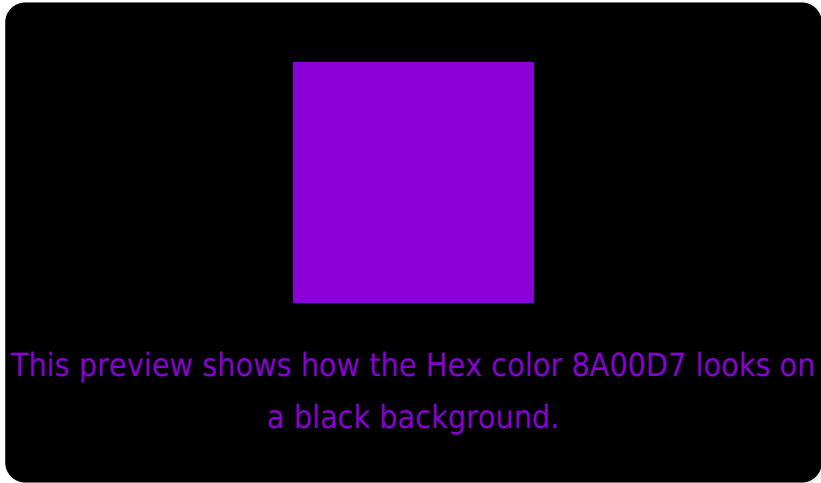
Large Text (above 18pt) WCAG AA ✓ Pass

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

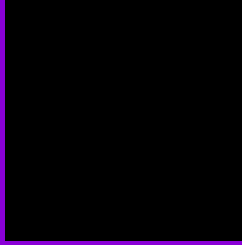
Any Text WCAG AA × Fail

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 8A00D7 Background



This preview shows how black text looks on a background with the Hex color 8A00D7.

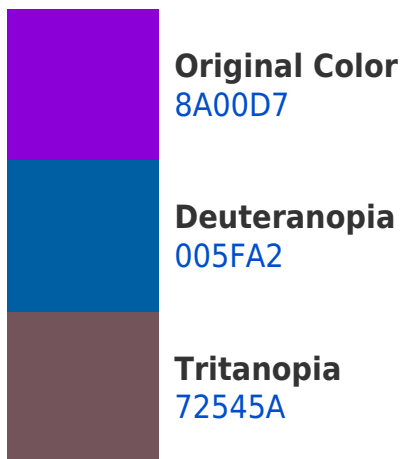


This preview shows how white text looks on a background with the Hex color 8A00D7.

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
8A00D7

Deuteranomaly
323CB5

Tritanomaly
7B3587

Monochromacy



Original Color
8A00D7

Achromatopsia
424242

Achromatomaly
5C2A78

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A00D7 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 #8A00D7 looks like.

```
.text, #text, p{  
    color:#8A00D7  
}
```

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 #8A00D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A00D7
}
```

Border

The CSS property to change the border of an element to Hex 8A00D7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

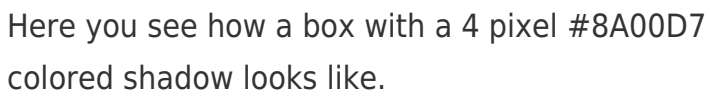
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A00D7 }
```

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

```
.border{ border-color:#8A00D7 }
```

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



Here you see how a box with a 4 pixel #8A00D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A00D7; -webkit-box-shadow:4px 4px  
4px 4px #8A00D7; box-shadow:4px 4px 4px  
4px #8A00D7 }
```

Background

The CSS property to change the background color of an element to Hex 8A00D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A00D7 }
```

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

```
.background{ background-color:#8A00D7 }
```

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