

# Converting Colors

Hex(8D18DD)

Have a look what the booklet for  
Hex(8D18DD) contains.

<b>Hex(8D18DD)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(8D18DD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D18DD
RGB	141, 24, 221
RGB Percent	55%, 9%, 87%
CMY	0.4471, 0.9059, 0.1333
CMYK	0.36, 0.89, 0.00, 0.13
HSL	276°, 80%, 48%
HSV	276°, 89%, 87%
XYZ	24.3623, 11.5364, 69.3493
YIQ	81.4410, 6.4950, 86.0710

# Conversions

## Conversions Part 2

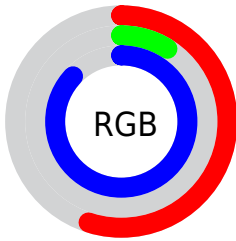
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	141, 24, 221
Decimal	9246941
CIE <sub>Lab</sub>	40.47, 74.21, -74.72
CIE <sub>LCh</sub>	40, 105.306, 314.805
Yxy	11.5364, 0.2315, 0.1096
Android (android.graphics.Color)	4287437021 (0xFF8D18DD)
YUV	81.4410, 68.8026, 52.2332
Hunter-Lab	33.9653, 68.5931, -97.2807

# Details

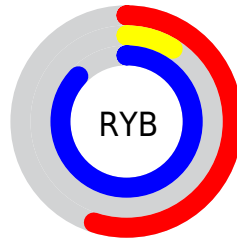
The Hex color **8D18DD** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **68DD18**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **C95AFF**, and **5000A4** is the 20% darker color. If you saturate the color by 10%, you get **8402DD**, and if you desaturate by 10%, it is **962EDD**.

# Distribution



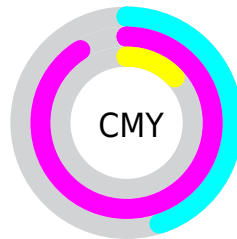
- Red (55%)
- Green (9%)
- Blue (87%)



- Red (55%)
- Yellow (9%)
- Blue (87%)



- Cyan (36%)
- Magenta (89%)
- Yellow (0%)
- Black (13%)



- Cyan (45%)
- Magenta (91%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D18DD 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 8D18DD by changing the saturation by 10% instead.



 8D18DD

 8D18DD

FFFFFF

 6F00C0

 C95AFF

 5000A4

 E776FF

 2F0089

 FF93FF

 01006F

 FFAFFF

 000055

 FFCDFD

 00063D

 FFEAFF

 000326

 00010F

 000000

■ 8D18DD

■ 8D18DD

■ 8402DD

■ 962EDD

■ 8300DD

■ 9F44DD

■ A85ADD

■ B170DD

■ BA86DD

■ C39DDD

■ CCB3DD

■ D5C9DD

■ DEDFDD

# Harmonies

## Analogous

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



005FFF



8D18DD



DA008F

# Triad

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



8D18DD



984B00



007D8A

# Complementary

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



8D18DD



68DD18

# 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.



007B2D



8D18DD



4C6900

# Square

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



8D18DD



CE0000



007600



007EDB

# Rectangle

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



8D18DD



E90057



007600



007D6C



# Sweetspot

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



8D18DD



E3BAFF



186ADD



6F5780



000000



808080



# Same Dimension

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



8D18DD



9700FF



DD18CD



69636E



6700AD



1B002E



# Inverse Universe

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



DD1868



FF0068



18DD28



6E6367



AD0046

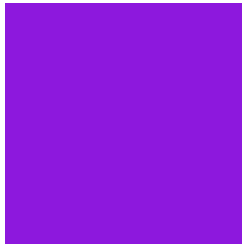


2E0013



# Previews

## White Background



This preview shows how the Hex color 8D18DD looks on a white background.

## Color Contrast Check

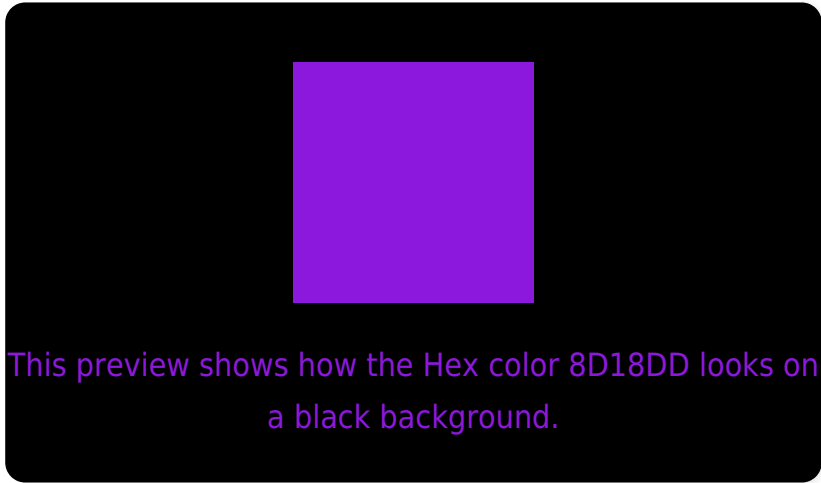
Large Text (above 18pt) WCAG AA ✓ Pass

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

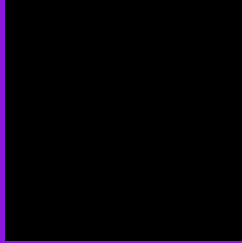
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8D18DD Background



This preview shows how black text looks on a background with the Hex color 8D18DD.

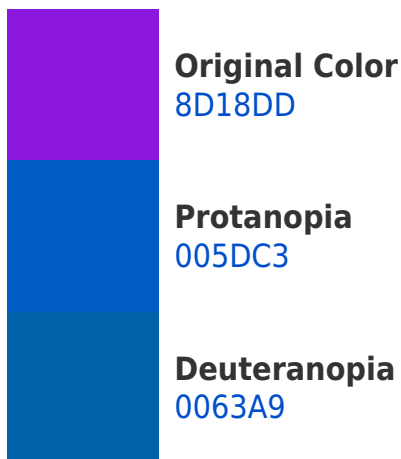


This preview shows how white text looks on a background with the Hex color 8D18DD.

# 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**  
75585F

# Trichromacy



**Original Color**  
8D18DD



**Protanomaly**  
3344CC



**Deuteranomaly**  
3348BC



**Tritanomaly**  
7E418D

# Monochromacy



**Original Color**  
8D18DD



**Achromatopsia**  
515151



**Achromatomaly**  
673C84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D18DD 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 #8D18DD looks like.

```
.text, #text, p{  
    color:#8D18DD  
}
```

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 #8D18DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D18DD
}
```

## Border

The CSS property to change the border of an element to Hex 8D18DD 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
#8D18DD }
```

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

```
.border{ border-color:#8D18DD }
```

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

Here you see how a box with a 4 pixel #8D18DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D18DD; -webkit-box-shadow:4px 4px  
4px 4px #8D18DD; box-shadow:4px 4px 4px  
4px #8D18DD }
```

# Background

The CSS property to change the background color of an element to Hex 8D18DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D18DD }
```

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

```
.background{ background-color:#8D18DD }
```

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**