

Converting Colors

Hex(9800DF)

Have a look what the booklet for
Hex(9800DF) contains.

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Color

Hex(9800DF)

Conversions

Conversions Part 1

Format	Color
Hex	9800DF
RGB	152, 0, 223
RGB Percent	60%, 0%, 87%
CMY	0.4039, 1.0000, 0.1255
CMYK	0.32, 1.00, 0.00, 0.13
HSL	281°, 100%, 44%
HSV	281°, 100%, 87%
XYZ	26.2682, 12.0031, 70.7444
YIQ	70.8700, 19.0090, 101.5770

Conversions

Conversions Part 2

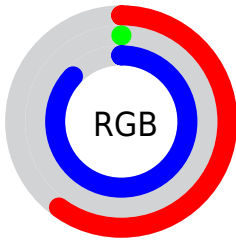
Format	Color
R_{YB}	152, 0, 223
Decimal	9961695
CIE _{Lab}	41.22, 79.04, -74.57
CIE _{LCh}	41, 108.666, 316.670
Yxy	12.0031, 0.2410, 0.1101
Android (android.graphics.Color)	4288151775 (0xFF9800DF)
YUV	70.8700, 75.0001, 71.1510
Hunter-Lab	34.6455, 74.7088, -96.8153

Details

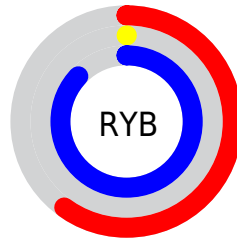
The Hex color **9800DF** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **47DF00**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **D454FF**, and **5C00A6** is the 20% darker color. If you saturate the color by 10%, you get **9800DF**, and if you desaturate by 10%, it is **9F16DF**.

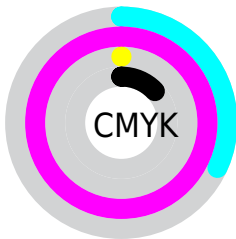
Distribution



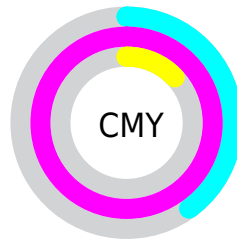
- Red (60%)
- Green (0%)
- Blue (87%)



- Red (60%)
- Yellow (0%)
- Blue (87%)



- Cyan (32%)
- Magenta (100%)
- Yellow (0%)
- Black (13%)



- Cyan (40%)
- Magenta (100%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9800DF 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 9800DF by changing the saturation by 10% instead.

 9800DF

 9800DF

FFFFFF

 7A00C2

 D454FF

 5C00A6

 F372FF

 3C008B

 FF8FFF

 190071

 FFACFF

 000057

 FFC9FF

 00063E

 FFE7FF

 000328

 000111

 000000

 9800DF

 9F16DF

 A62DDF

 AD43DF

 B459DF

 BC70DF

 C386DF

 CA9CDF

 D1B2DF

 D8C9DF

Harmonies

Analogous

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



005FFF



9800DF



E3008D

Triad

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



9800DF



974F00



008093

Complementary

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



9800DF



47DF00

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.



007D34



9800DF



466D00

Square

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



9800DF



D00000



007900



0081E5

Rectangle

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



9800DF



F00053



007900



007F74

Sweetspot

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



9800DF



E7B3FF



004ADF



715280



000000



808080

Same Dimension

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



9800DF



AE00FF



DF00BA



6D6570



7800B0



210030

Inverse Universe

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



DF0047



FF0051



00DF25



706569



B00038



30000F

Previews

White Background



This preview shows how the Hex color 9800DF looks on a white background.

Color Contrast Check

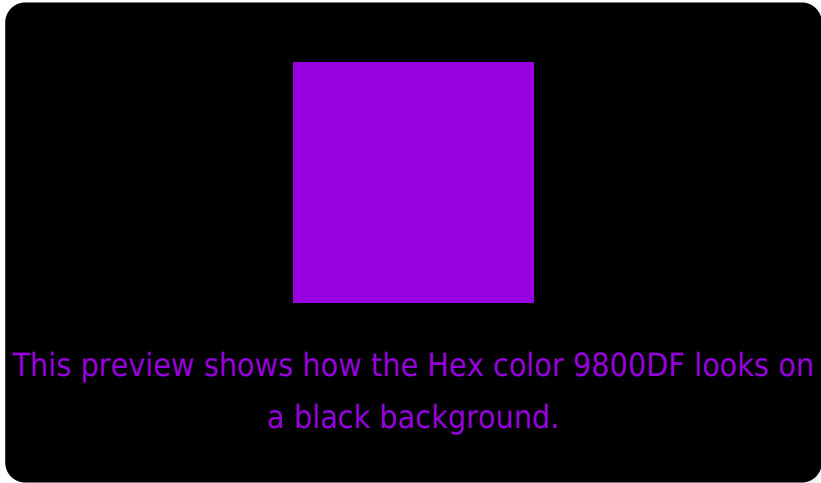
Large Text (above 18pt) WCAG AA ✓ Pass

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

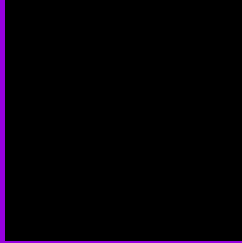
Any Text WCAG AA × Fail

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 9800DF Background



This preview shows how black text looks on a background with the Hex color 9800DF.

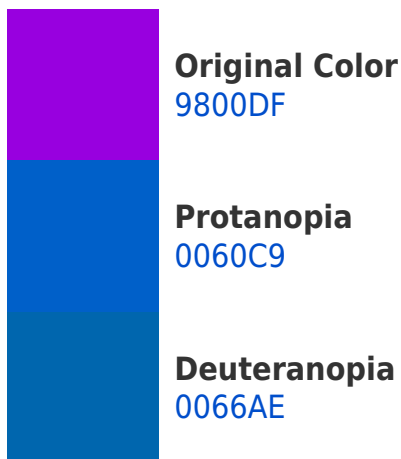


This preview shows how white text looks on a background with the Hex color 9800DF.

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](#).

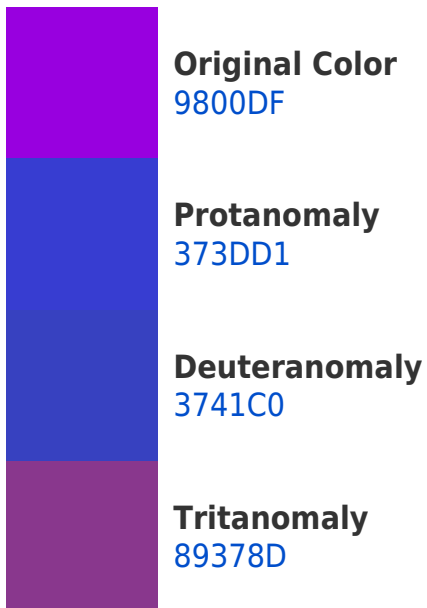
Dichromacy



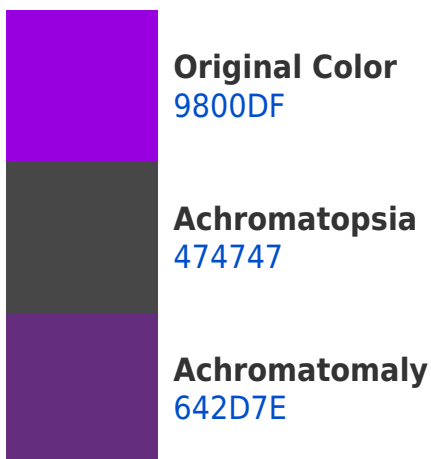


Tritanopia
81575E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9800DF 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 #9800DF looks like.

```
.text, #text, p{  
    color:#9800DF  
}
```

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 #9800DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9800DF
}
```

Border

The CSS property to change the border of an element to Hex 9800DF is called "border". The border property can be set on classes, ids or directly on the HTML element.

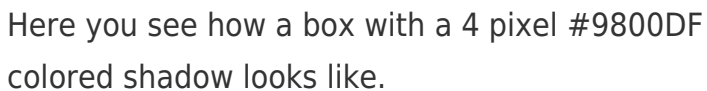
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9800DF }
```

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

```
.border{ border-color:#9800DF }
```

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



Here you see how a box with a 4 pixel #9800DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9800DF; -webkit-box-shadow:4px 4px  
4px 4px #9800DF; box-shadow:4px 4px 4px  
4px #9800DF }
```

Background

The CSS property to change the background color of an element to Hex 9800DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9800DF }
```

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

```
.background{ background-color:#9800DF }
```

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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