

Converting Colors

Hex(9800CF)

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

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Color

Hex(9800CF)

Conversions

Conversions Part 1

Format	Color
Hex	9800CF
RGB	152, 0, 207
RGB Percent	60%, 0%, 81%
CMY	0.4039, 1.0000, 0.1882
CMYK	0.27, 1.00, 0.00, 0.19
HSL	284°, 100%, 41%
HSV	284°, 100%, 81%
XYZ	24.2114, 11.1804, 59.9134
YIQ	69.0460, 24.1450, 96.6010

Conversions

Conversions Part 2

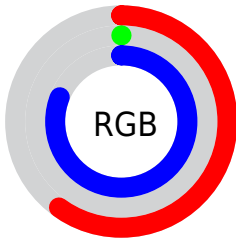
Format	Color
R_{YB}	152, 0, 207
Decimal	9961679
CIE _{Lab}	39.88, 76.08, -67.54
CIE _{LCh}	40, 101.735, 318.403
Yxy	11.1804, 0.2540, 0.1173
Android (android.graphics.Color)	4288151759 (0xFF9800CF)
YUV	69.0460, 68.0113, 72.7507
Hunter-Lab	33.4371, 70.7347, -82.8314

Details

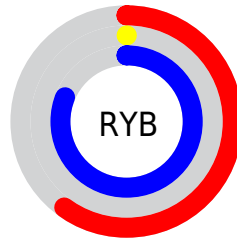
The Hex color **9800CF** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **37CF00**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **D353FF**, and **5D0097** is the 20% darker color. If you saturate the color by 10%, you get **9800CF**, and if you desaturate by 10%, it is **9D15CF**.

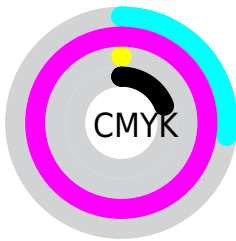
Distribution



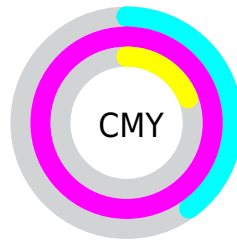
- Red (60%)
- Green (0%)
- Blue (81%)



- Red (60%)
- Yellow (0%)
- Blue (81%)



- Cyan (27%)
- Magenta (100%)
- Yellow (0%)
- Black (19%)



- Cyan (40%)
- Magenta (100%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 9800CF

 9800CF

FFFFFF

 7B00B3

 D353FF

 5D0097

 F270FF

 3F007D

 FF8DFF

 220063

 FFAAFF

 00004A

 FFC7FF

 000432

 FFE5FF

 00021C

 000000

 9800CF

 9D15CF

 A329CF

 A83ECF

 AE53CF

 B368CF

 B97CCF

 BE91CF

 C4A6CF

 CABACF

Harmonies

Analogous

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



0059FF



9800CF



D90082

Triad

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



9800CF



8D4F00



007B91

Complementary

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



9800CF



37CF00

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.



007939



9800CF



416A00

Square

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



9800CF



C40000



007500



007CDC

Rectangle

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



9800CF



E4004C



007500



007B75

Sweetspot

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



9800CF



EBB3FF



0037CF



735280



000000



808080

Same Dimension

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



9800CF



BB00FF



CF009F



665E69



7C00A8



1E0029

Inverse Universe

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



CF0037



FF0044



00CF30



695E61



A8002D



29000B

Previews

White Background



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

Color Contrast Check

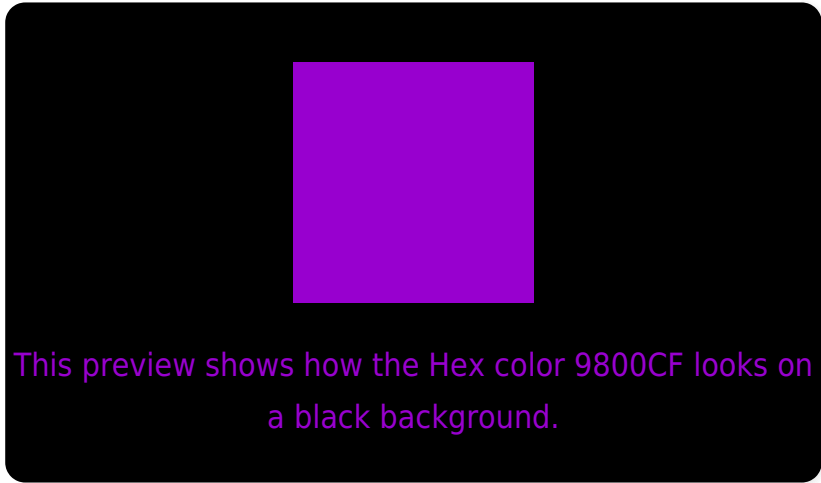
Large Text (above 18pt) WCAG AA ✓ Pass

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

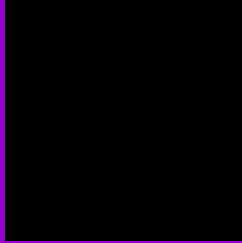
Any Text WCAG AA × Fail

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 9800CF Background



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

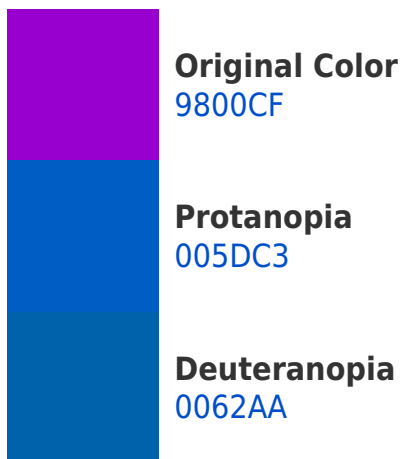


This preview shows how white text looks on a background with the Hex color 9800CF.

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](#).

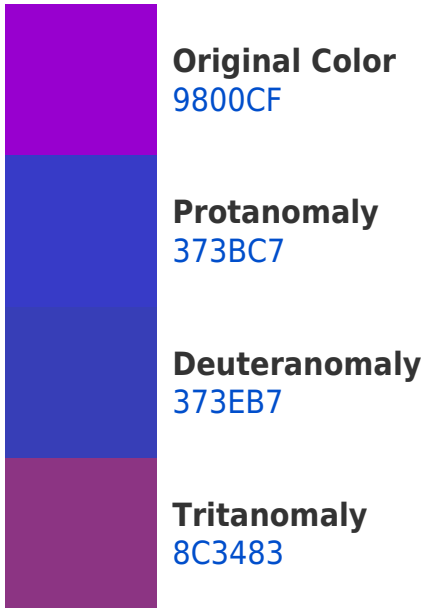
Dichromacy



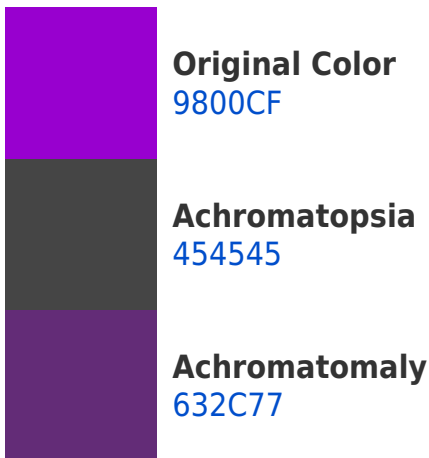


Tritanopia
855157

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #9800CF colored shadow looks like.

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

Border

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

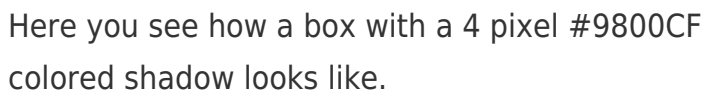
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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