

Converting Colors

Hex(9F2DFF)

Have a look what the booklet for
Hex(9F2DFF) contains.

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Color

Hex(9F2DFF)

Conversions

Conversions Part 1

Format	Color
Hex	9F2DFF
RGB	159, 45, 255
RGB Percent	62%, 18%, 100%
CMY	0.3765, 0.8235, 0.0000
CMYK	0.38, 0.82, 0.00, 0.00
HSL	273°, 100%, 59%
HSV	273°, 82%, 100%
XYZ	33.2865, 16.4677, 96.0319
YIQ	103.0260, 0.5340, 89.4780

Conversions

Conversions Part 2

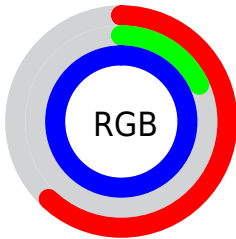
Format	Color
R _Y B	159, 45, 255
Decimal	10431999
CIE _{Lab}	47.58, 78.37, -82.18
CIE _{LCh}	48, 113.558, 313.644
Y _{xy}	16.4677, 0.2283, 0.1130
Android (android.graphics.Color)	4288622079 (0xFF9F2DFF)
Y _{UV}	103.0260, 74.9232, 49.0892
Hunter-Lab	40.5804, 75.4006, -111.9011

Details

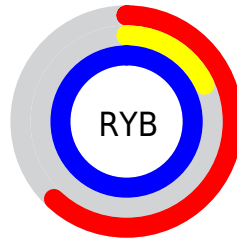
The Hex color **9F2DFF** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **8DFF2D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **DC6AFF**, and **6100C5** is the 20% darker color. If you saturate the color by 10%, you get **9314FF**, and if you desaturate by 10%, it is **AB47FF**.

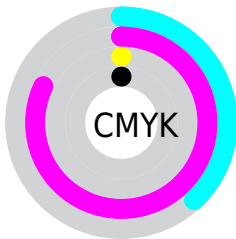
Distribution



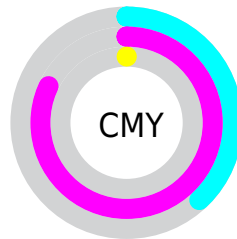
- Red (62%)
- Green (18%)
- Blue (100%)



- Red (62%)
- Yellow (18%)
- Blue (100%)



- Cyan (38%)
- Magenta (82%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (82%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F2DFF 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 9F2DFF by changing the saturation by 10% instead.

 9F2DFF

 9F2DFF

FFFFFF

 8000E2

 DC6AFF

 6100C5

 FB87FF

 3F00A9

 FFA4FF

 10008D

 FFC1FF

 000073


 FFDEFF

 000059

 FFFCFF

 000740

 000329

 000113

■ 9F2DFF

■ 9F2DFF

■ 9314FF

■ AB47FF

■ 8A00FF

■ B660FF

■ C27AFF

■ CE93FF

■ D9ADFF

■ E5C6FF

■ F1E0FF

■ FCF9FF

FFFFFF

Harmonies

Analogous

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



0072FF



9F2DFF



F800A9

Triad

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



9F2DFF



B35800



00939C

Complementary

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



9F2DFF



8DFF2D

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.



009035



9F2DFF



617B00

Square

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



9F2DFF



EF0000



008A00



0094F6

Rectangle

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



9F2DFF



FF006A



008A00



00927B

Sweetspot

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



9F2DFF



E2BFFF



2D8FFF



6E5980



000000



808080

Same Dimension

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



9F2DFF



8C03FF



FF2DF8



7A7380



6800BF



230040

Inverse Universe

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



FF2D8D



FF0376



2DFF34



807379



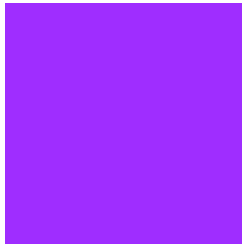
BF0057



40001D

Previews

White Background



This preview shows how the Hex color 9F2DFF 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

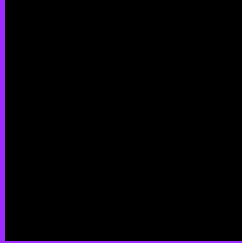
Any Text WCAG AA × Fail

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 9F2DFF Background



This preview shows how black text looks on a background with the Hex color 9F2DFF.

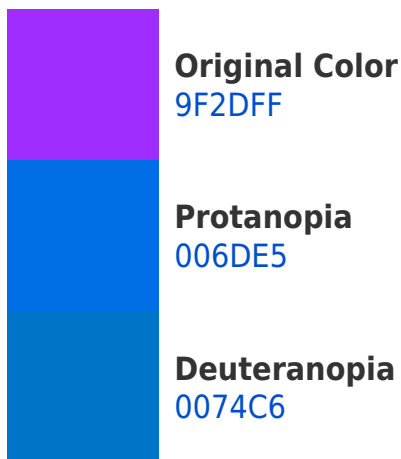


This preview shows how white text looks on a background with the Hex color 9F2DFF.

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
826A72

Trichromacy



Original Color
9F2DFF



Protanomaly
3A56EE



Deuteranomaly
3A5ADB



Tritanomaly
8D54A5

Monochromacy



Original Color
9F2DFF



Achromatopsia
676767



Achromatomaly
7B529E

CSS Examples

Text

The CSS property to change the color of the text to Hex 9F2DFF 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 #9F2DFF looks like.

```
.text, #text, p{  
    color:#9F2DFF  
}
```

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 #9F2DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F2DFF
}
```

Border

The CSS property to change the border of an element to Hex 9F2DFF 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
#9F2DFF }
```

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

```
.border{ border-color:#9F2DFF }
```

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

Here you see how a box with a 4 pixel #9F2DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F2DFF; -webkit-box-shadow:4px 4px  
4px 4px #9F2DFF; box-shadow:4px 4px 4px  
4px #9F2DFF }
```

Background

The CSS property to change the background color of an element to Hex 9F2DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F2DFF }
```

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

```
.background{ background-color:#9F2DFF }
```

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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