

Converting Colors

Hex(9A2FD0)

Have a look what the booklet for
Hex(9A2FD0) contains.

Hex(9A2FD0)	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>	29

Color

Hex(9A2FD0)

Conversions

Conversions Part 1

Format	Color
Hex	9A2FD0
RGB	154, 47, 208
RGB Percent	60%, 18%, 82%
CMY	0.3961, 0.8157, 0.1843
CMYK	0.26, 0.77, 0.00, 0.18
HSL	280°, 63%, 50%
HSV	280°, 77%, 82%
XYZ	25.7281, 13.4571, 60.9160
YIQ	97.3470, 12.0910, 72.7550

Conversions

Conversions Part 2

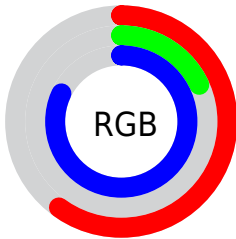
Format	Color
RYB	154, 47, 208
Decimal	10104784
CIELab	43.44, 67.22, -62.31
CIElCh	43, 91.653, 317.169
Yxy	13.4571, 0.2570, 0.1344
Android (android.graphics.Color)	4288294864 (0xFF9A2FD0)
YUV	97.3470, 54.5519, 49.6847
Hunter-Lab	36.6839, 60.9932, -72.7760

Details

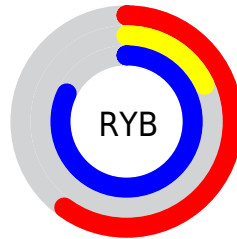
The Hex color **9A2FD0** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle washed purple. A complement of this color would be **65D02F**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **D569FF**, and **610098** is the 20% darker color. If you saturate the color by 10%, you get **931AD0**, and if you desaturate by 10%, it is **A144D0**.

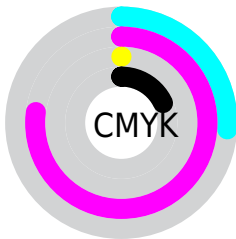
Distribution



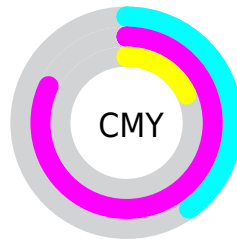
- Red (60%)
- Green (18%)
- Blue (82%)



- Red (60%)
- Yellow (18%)
- Blue (82%)



- Cyan (26%)
- Magenta (77%)
- Yellow (0%)
- Black (18%)



- Cyan (40%)
- Magenta (82%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A2FD0 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 9A2FD0 by changing the saturation by 10% instead.

 9A2FD0

 9A2FD0

FFFFFF

 7D04B4

 D569FF

 610098

 F385FF

 44007E

 FFA1FF

 260064

 FFBDFF

 00004B

 FFDAFF

 000433

 FFF8FF

 00021D

 000000

 9A2FD0

 9A2FD0

■ 931AD0

■ A144D0

■ 8C05D0

■ A859D0

■ 8A00D0

■ AF6DD0

■ B682D0

■ BD97D0

■ C4ACD0

■ CBC1D0

■ D2D5D0

■ D9EAD0

Harmonies

Analogous

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



0063FC



9A2FD0



D8008B

Triad

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



9A2FD0



985800



008492

Complementary

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



9A2FD0



65D02F

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.



008142



9A2FD0



547100

Square

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



9A2FD0



C92000



007C00



0083D7

Rectangle

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



9A2FD0



E40059



007C00



008378

Sweetspot

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



9A2FD0



EBC4FF



2F67D0



745C80



000000



808080

Same Dimension

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



9A2FD0



AF12FF



D02FB8



655E69



7000A8



1B0029

Inverse Universe

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



D02F65



FF1261



2FD047



695E62



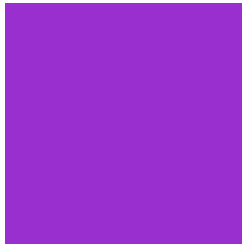
A80038



29000E

Previews

White Background



This preview shows how the Hex color 9A2FD0 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

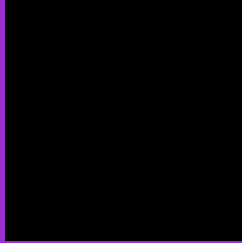
Any Text WCAG AA × Fail

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 9A2FD0 Background



This preview shows how black text looks on a background with the Hex color 9A2FD0.

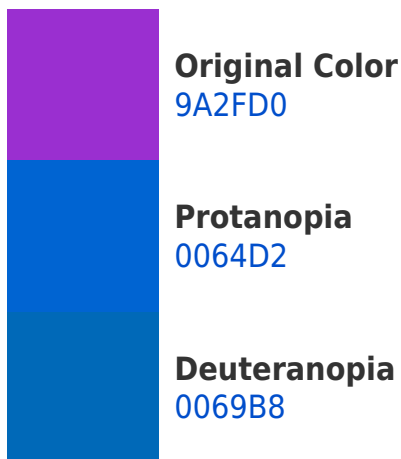



This preview shows how white text looks on a background with the Hex color 9A2FD0.

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
885A61

Trichromacy



Original Color
9A2FD0



Protanomaly
3851D1



Deuteranomaly
3854C1



Tritanomaly
8F4A89

Monochromacy



Original Color
9A2FD0



Achromatopsia
616161



Achromatomaly
764F89

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A2FD0 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 #9A2FD0 looks like.

```
.text, #text, p{  
    color:#9A2FD0  
}
```

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 #9A2FD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A2FD0
}
```

Border

The CSS property to change the border of an element to Hex 9A2FD0 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".

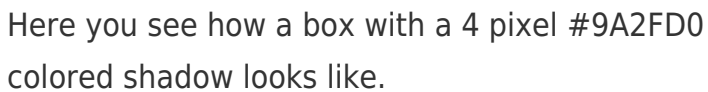
```
.border, #border, table{ border:4px solid
#9A2FD0 }
```

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

```
.border{ border-color:#9A2FD0 }
```

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

Here you see how a box with a 4 pixel #9A2FD0 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A2FD0; -webkit-box-shadow:4px 4px  
4px 4px #9A2FD0; box-shadow:4px 4px 4px  
4px #9A2FD0 }
```

Background

The CSS property to change the background color of an element to Hex 9A2FD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A2FD0 }
```

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

```
.background{ background-color:#9A2FD0 }
```

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