

Converting Colors

Hex(9D3FE8)

Have a look what the booklet for
Hex(9D3FE8) contains.

Hex(9D3FE8)	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(9D3FE8)

Conversions

Conversions Part 1

Format	Color
Hex	9D3FE8
RGB	157, 63, 232
RGB Percent	62%, 25%, 91%
CMY	0.3843, 0.7529, 0.0902
CMYK	0.32, 0.73, 0.00, 0.09
HSL	273°, 79%, 58%
HSV	273°, 73%, 91%
XYZ	30.2476, 16.5493, 77.9440
YIQ	110.3720, 1.7750, 72.4870

Conversions

Conversions Part 2

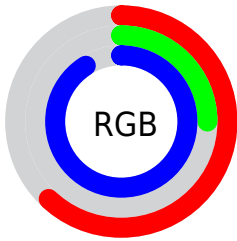
Format	Color
RYB	157, 63, 232
Decimal	10305512
CIELab	47.69, 66.85, -69.11
CIElCh	48, 96.151, 314.051
Yxy	16.5493, 0.2425, 0.1327
Android (android.graphics.Color)	4288495592 (0xFF9D3FE8)
YUV	110.3720, 59.9626, 40.8928
Hunter-Lab	40.6808, 61.5295, -85.1224

Details

The Hex color **9D3FE8** 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 **8AE83F**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **D877FF**, and **6200AF** is the 20% darker color. If you saturate the color by 10%, you get **9328E8**, and if you desaturate by 10%, it is **A756E8**.

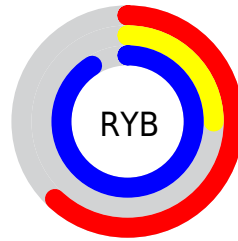
Distribution



Red (62%)

Green (25%)

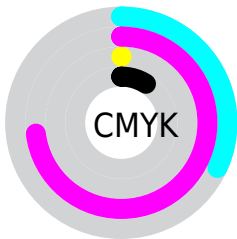
Blue (91%)



Red (62%)

Yellow (25%)

Blue (91%)

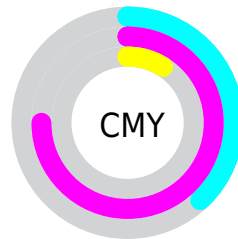


Cyan (32%)

Magenta (73%)

Yellow (0%)

Black (9%)



Cyan (38%)

Magenta (75%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D3FE8 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 9D3FE8 by changing the saturation by 10% instead.

 9D3FE8

 9D3FE8

FFFFFF

 8020CB

 D877FF

 6200AF

 F792FF

 440094

 FFAFFF

 210079

 FFCBFF

 00005F

 FFE8FF

 000046

 00042F

 000119

 000000

 9D3FE8


 9D3FE8

 9328E8

 A756E8

 8811E8

 B26DE8

 8100E8

 BC85E8

 C69CE8

 D0B3E8

 DBCAE8

 E5E1E8

 EFF9E8

 FAFFE8

Harmonies

Analogous

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



0070FF



9D3FE8



E600A0

Triad

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



9D3FE8



AD5D00



009097

Complementary

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



9D3FE8



8AE83F

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.



008E41



9D3FE8



677A00

Square

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



9D3FE8



DF1D00



008800



0090E2

Rectangle

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



9D3FE8



F6006A



008800



00907B

Sweetspot

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



9D3FE8



E6C7FF



3F8BE8



715E80



000000



808080

Same Dimension

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



9D3FE8



9D21FF



E83FE0



6E6773



6300B3



1C0033

Inverse Universe

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



E83F8A



FF2184



3FE847



73676C



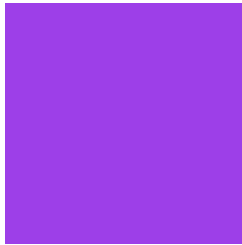
B3004F



330017

Previews

White Background



This preview shows how the Hex color 9D3FE8 looks on a white background.

Color Contrast Check

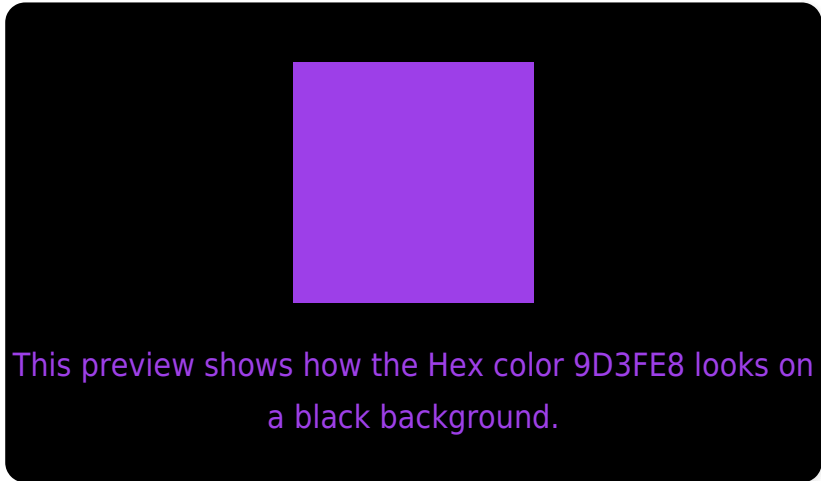
Large Text (above 18pt) WCAG AA ✓ Pass

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

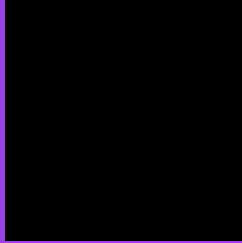
Any Text WCAG AA × Fail

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 9D3FE8 Background



This preview shows how black text looks on a background with the Hex color 9D3FE8.

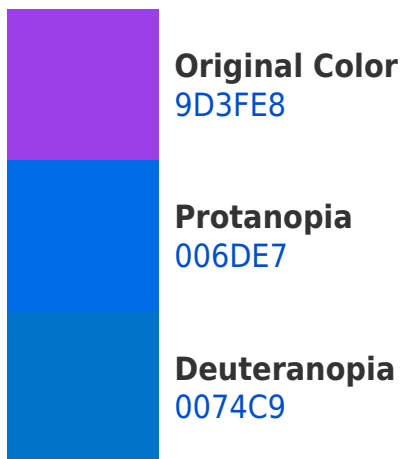



This preview shows how white text looks on a background with the Hex color 9D3FE8.

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](#).

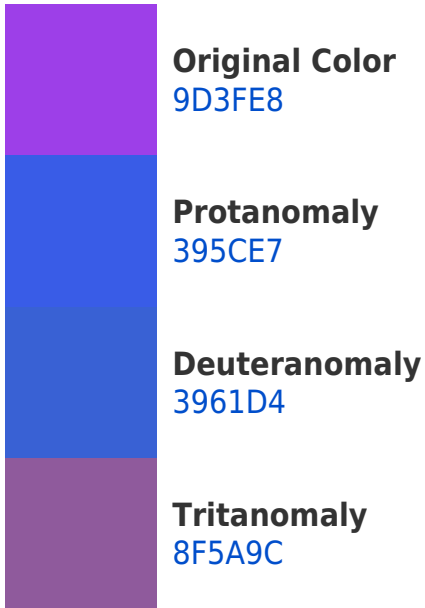
Dichromacy



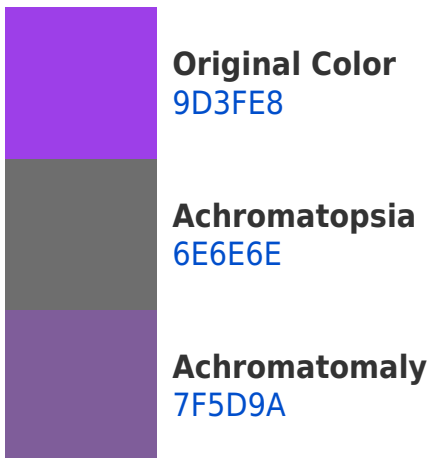


Tritanopia
876971

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9D3FE8 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 #9D3FE8 looks like.

```
.text, #text, p{  
    color:#9D3FE8  
}
```

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 #9D3FE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D3FE8
}
```

Border

The CSS property to change the border of an element to Hex 9D3FE8 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
#9D3FE8 }
```

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

```
.border{ border-color:#9D3FE8 }
```

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

Here you see how a box with a 4 pixel #9D3FE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D3FE8; -webkit-box-shadow:4px 4px  
4px 4px #9D3FE8; box-shadow:4px 4px 4px  
4px #9D3FE8 }
```

Background

The CSS property to change the background color of an element to Hex 9D3FE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D3FE8 }
```

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

```
.background{ background-color:#9D3FE8 }
```

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