

Converting Colors

Hex(9D3FBC)

Have a look what the booklet for
Hex(9D3FBC) contains.

Hex(9D3FBC)	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(9D3FBC)

Conversions

Conversions Part 1

Format	Color
Hex	9D3FBC
RGB	157, 63, 188
RGB Percent	62%, 25%, 74%
CMY	0.3843, 0.7529, 0.2627
CMYK	0.16, 0.66, 0.00, 0.26
HSL	285°, 50%, 49%
HSV	285°, 66%, 74%
XYZ	24.7592, 14.3540, 49.0426
YIQ	105.3560, 15.8990, 58.8030

Conversions

Conversions Part 2

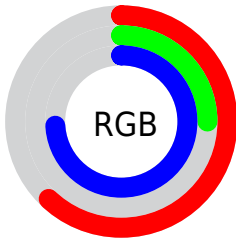
Format	Color
R_{YB}	157, 63, 188
Decimal	10305468
CIE _{Lab}	44.74, 57.53, -48.59
CIE _{LCh}	45, 75.307, 319.816
Yxy	14.3540, 0.2809, 0.1628
Android (android.graphics.Color)	4288495548 (0xFF9D3FBC)
YUV	105.3560, 40.7435, 45.2918
Hunter-Lab	37.8866, 50.3498, -50.2277

Details

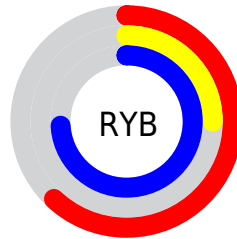
The Hex color **9D3FBC** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **5EBC3F**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **D675F5**, and **660086** is the 20% darker color. If you saturate the color by 10%, you get **982CBC**, and if you desaturate by 10%, it is **A252BC**.

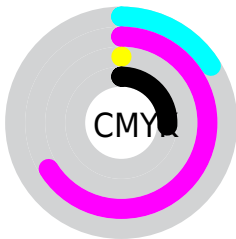
Distribution



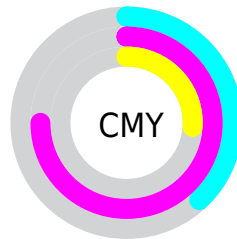
- Red (62%)
- Green (25%)
- Blue (74%)



- Red (62%)
- Yellow (25%)
- Blue (74%)



- Cyan (16%)
- Magenta (66%)
- Yellow (0%)
- Black (26%)



- Cyan (38%)
- Magenta (75%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D3FBC 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 9D3FBC by changing the saturation by 10% instead.

 9D3FBC

 9D3FBC

FFFFFF

 8122A1

 D675F5

 660086

 F491FF

 4A006C

 FFACFF

 300053

 FFC9FF

 14003B

 FFE6FF

 000224

 00000C

 000000

 9D3FBC

 9D3FBC

982CBC

A252BC

9419BC

A665BC

8F07BC

AB77BC

8D00BC

B08ABC

B49DBC

B9B0BC

BEC3BC

C2D5BC

C7E8BC

Harmonies

Analogous

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



0063E2



9D3FBC



CC0082

Triad

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



9D3FBC



936000



008493

Complementary

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



9D3FBC



5EBC3F

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.



008252



9D3FBC



5A7300

Square

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



9D3FBC



BD3F00



007E00



0082CA

Rectangle

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



9D3FBC



D40058



007E00



00847E

Sweetspot

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



9D3FBC



E9C4F5



3F5EBC



735D7A



FAFAFA



7A7A7A

Same Dimension

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



9D3FBC



C431F5



BC3F9D



5C555E



77009E



17001F

Inverse Universe

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



BC3F5E



F53162



3FBC5E



5E5557



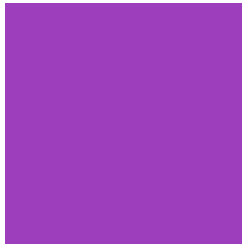
9E0027



1F0008

Previews

White Background



This preview shows how the Hex color 9D3FBC looks on a white background.

Color Contrast Check

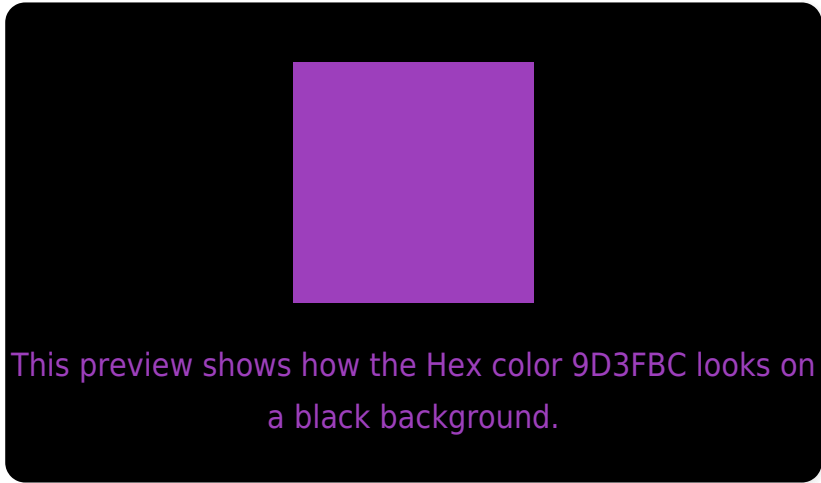
Large Text (above 18pt) WCAG AA ✓ Pass

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

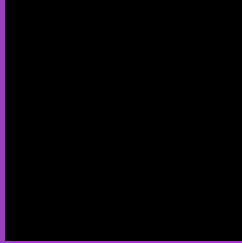
Any Text WCAG AA × Fail

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 9D3FBC Background



This preview shows how black text looks on a background with the Hex color 9D3FBC.

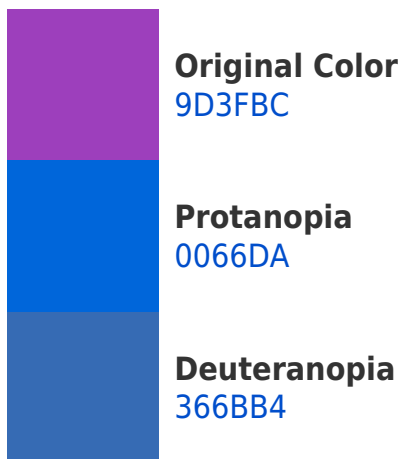


This preview shows how white text looks on a background with the Hex color 9D3FBC.

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
905B62

Trichromacy



Original Color
9D3FBC



Protanomaly
3958CF



Deuteranomaly
5B5BB7



Tritanomaly
955183

Monochromacy



Original Color
9D3FBC



Achromatopsia
696969



Achromatomaly
7C5A87

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D3FBC 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 #9D3FBC looks like.

```
.text, #text, p{  
    color:#9D3FBC  
}
```

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 #9D3FBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D3FBC
}
```

Border

The CSS property to change the border of an element to Hex 9D3FBC 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
#9D3FBC }
```

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

```
.border{ border-color:#9D3FBC }
```

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

Here you see how a box with a 4 pixel #9D3FBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D3FBC; -webkit-box-shadow:4px 4px  
4px 4px #9D3FBC; box-shadow:4px 4px 4px  
4px #9D3FBC }
```

Background

The CSS property to change the background color of an element to Hex 9D3FBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D3FBC }
```

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

```
.background{ background-color:#9D3FBC }
```

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