

Converting Colors

Hex(9D4BFB)

Have a look what the booklet for
Hex(9D4BFB) contains.

Hex(9D4BFB)	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(9D4BFB)

Conversions

Conversions Part 1

Format	Color
Hex	9D4BFB
RGB	157, 75, 251
RGB Percent	62%, 29%, 98%
CMY	0.3843, 0.7059, 0.0157
CMYK	0.37, 0.70, 0.00, 0.02
HSL	268°, 96%, 64%
HSV	268°, 70%, 98%
XYZ	33.8333, 19.1653, 93.1828
YIQ	119.5820, -7.6240, 72.1200

Conversions

Conversions Part 2

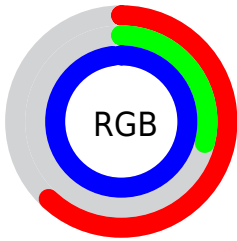
Format	Color
R _Y B	157, 75, 251
Decimal	10308603
CIE Lab	50.88, 66.08, -74.57
CIE LCh	51, 99.638, 311.544
Yxy	19.1653, 0.2314, 0.1311
Android (android.graphics.Color)	4288498683 (0xFF9D4BFB)
YUV	119.5820, 64.7891, 32.8156
Hunter-Lab	43.7782, 61.3392, -95.5554

Details

The Hex color **9D4BFB** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **A9FB4B**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **D982FF**, and **610AC1** is the 20% darker color. If you saturate the color by 10%, you get **9032FB**, and if you desaturate by 10%, it is **AA64FB**.

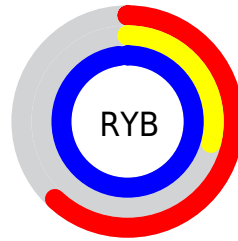
Distribution



Red (62%)

Green (29%)

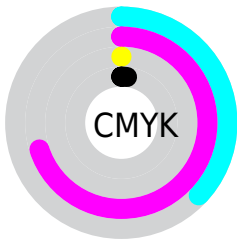
Blue (98%)



Red (62%)

Yellow (29%)

Blue (98%)

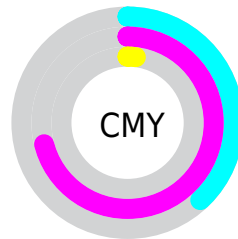


Cyan (37%)

Magenta (70%)

Yellow (0%)

Black (2%)



Cyan (38%)

Magenta (71%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D4BFB 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 9D4BFB by changing the saturation by 10% instead.

 9D4BFB

 9D4BFB

FFFFFF

 7F2FDE

 D982FF

 610AC1

 F89DFF

 4100A5

 FFBAFF

 18008A

 FFD6FF

 000070

 FFF3FF

 000056

 00063E

 000327

 000110

 9D4BFB

 9D4BFB

 9032FB

 AA64FB

 8219FB

 B87DFB

 7500FB

 C596FB

 D3AFFB

 E0C8FB

 EDE2FB

 FBFBBF

 FFFFFB

Harmonies

Analogous

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



007BFF



9D4BFB



F000B1

Triad

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



9D4BFB



BD6100



009A99

Complementary

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



9D4BFB



A9FB4B

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.



00973E



9D4BFB



768000

Square

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



9D4BFB



F01600



009000



009AEA

Rectangle

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



9D4BFB



FF0079



009000



00997C

Sweetspot

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



9D4BFB



E2C9FF



4BACFB



6E6080



000000



808080

Same Dimension

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



9D4BFB



8D29FF



F24BFB



76707D



5800BD



1D003D

Inverse Universe

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



FB4BA9



FF299B



54FB4B



7D7077



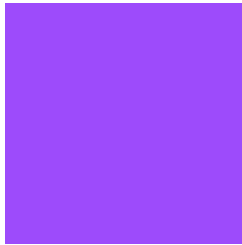
BD0065



3D0021

Previews

White Background



This preview shows how the Hex color 9D4BFB looks on a white background.

Color Contrast Check

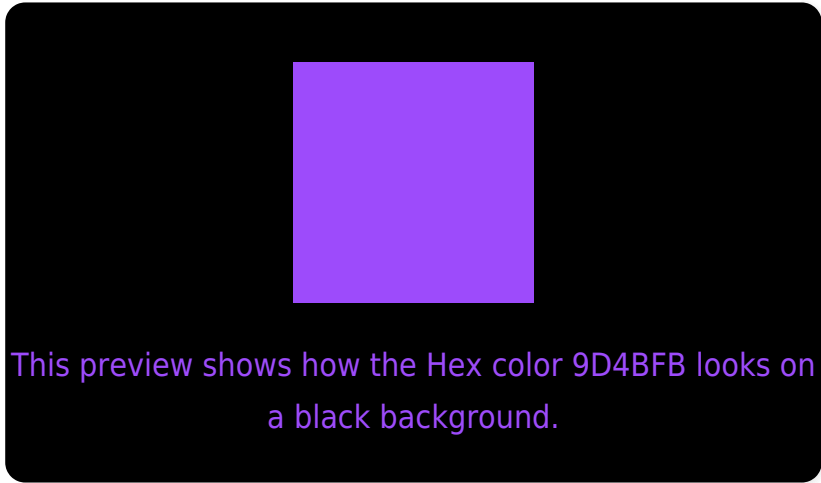
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

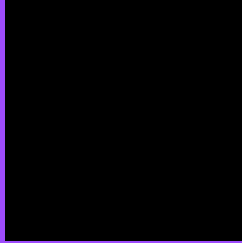
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9D4BFB Background



This preview shows how black text looks on a background with the Hex color 9D4BFB.



This preview shows how white text looks on a background with the Hex color 9D4BFB.

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](#).

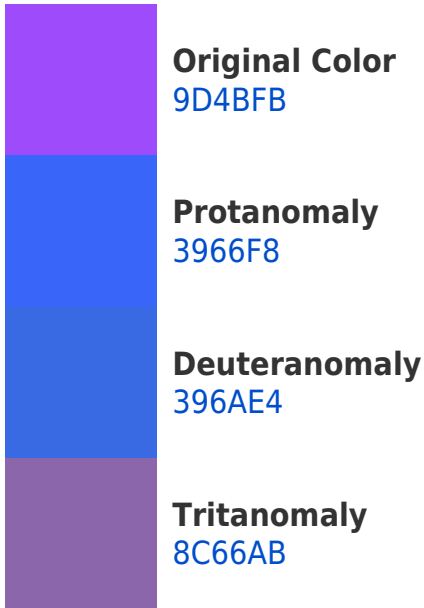
Dichromacy



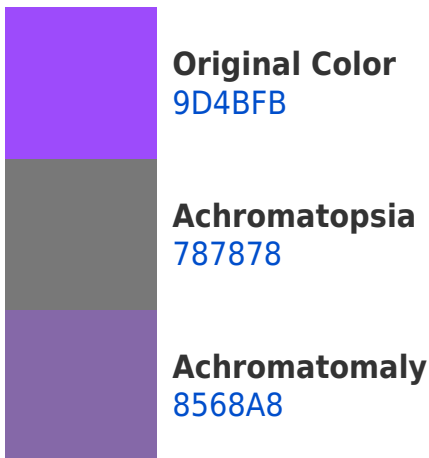


Tritanopia
83757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9D4BFB 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 #9D4BFB looks like.

```
.text, #text, p{  
  color:#9D4BFB  
}
```

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 #9D4BFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D4BFB
}
```

Border

The CSS property to change the border of an element to Hex 9D4BFB 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
#9D4BFB }
```

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

```
.border{ border-color:#9D4BFB }
```

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

Here you see how a box with a 4 pixel #9D4BFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D4BFB; -webkit-box-shadow:4px 4px  
4px 4px #9D4BFB; box-shadow:4px 4px 4px  
4px #9D4BFB }
```

Background

The CSS property to change the background color of an element to Hex 9D4BFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D4BFB }
```

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

```
.background{ background-color:#9D4BFB }
```

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