

# Converting Colors

Hex(9B3BF7)

Have a look what the booklet for  
Hex(9B3BF7) contains.

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**Color**

**Hex(9B3BF7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B3BF7
RGB	155, 59, 247
RGB Percent	61%, 23%, 97%
CMY	0.3922, 0.7686, 0.0314
CMYK	0.37, 0.76, 0.00, 0.03
HSL	271°, 92%, 60%
HSV	271°, 76%, 97%
XYZ	31.8700, 16.8119, 89.5610
YIQ	109.1360, -3.1320, 78.8200

# Conversions

## Conversions Part 2

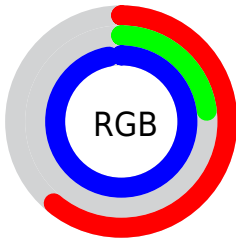
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">155, 59, 247</a>
Decimal	<a href="#">10173431</a>
CIELab	<a href="#">48.02, 71.41, -77.01</a>
CIELCh	<a href="#">48, 105.020, 312.838</a>
Yxy	<a href="#">16.8119, 0.2305, 0.1216</a>
Android (android.graphics.Color)	<a href="#">4288363511</a> ( <a href="#">0xFF9B3BF7</a> )
YUV	<a href="#">109.1360, 67.9670, 40.2227</a>
Hunter-Lab	<a href="#">41.0023, 66.9894, -100.8050</a>

# Details

The Hex color **9B3BF7** 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 **97F73B**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **D774FF**, and **5E00BD** is the 20% darker color. If you saturate the color by 10%, you get **8F22F7**, and if you desaturate by 10%, it is **A754F7**.

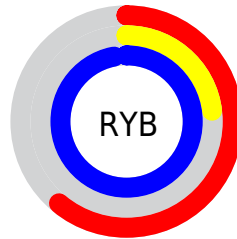
# Distribution



Red (61%)

Green (23%)

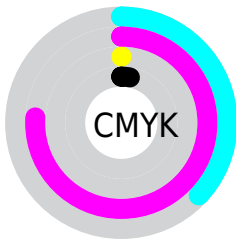
Blue (97%)



Red (61%)

Yellow (23%)

Blue (97%)

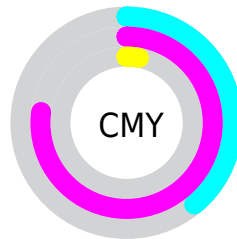


Cyan (37%)

Magenta (76%)

Yellow (0%)

Black (3%)



Cyan (39%)

Magenta (77%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B3BF7 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 9B3BF7 by changing the saturation by 10% instead.



 9B3BF7

 9B3BF7

FFFFFF

 7D19DA

 D774FF

 5E00BD

 F690FF

 3D00A1

 FFACFF

 110086

 FFC9FF

 00006C

 FFE6FF

 000052

 00063A

 000224

 00000B

 9B3BF7

 9B3BF7

 8F22F7

 A754F7

 830AF7

 B36CF7

 7E00F7

 BF85F7

 CB9EF7

 D7B6F7

 E4CFF7

 F0E8F7

 FCFFF7

 FFFFF7

# Harmonies

## Analogous

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



0073FF



9B3BF7



EF00A9

# Triad

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



9B3BF7



B45A00



009398

# Complementary

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



9B3BF7



97F73B

# 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.



009038



9B3BF7



687B00

# Square

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



9B3BF7



EA0000



008A00



0093EB

# Rectangle

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



9B3BF7



FF006E



008A00



009279



# Sweetspot

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



9B3BF7



E2C4FF



3B99F7



6E5C80



000000



808080



# Same Dimension

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



9B3BF7



8D17FF



F73BF7



746E7A



5F00BA



1E003B



# Inverse Universe

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



F73B97



FF1789



3BF73B



7A6E74



BA005B

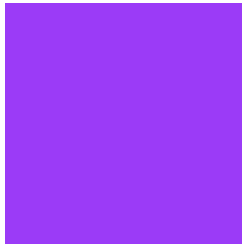


3B001D



# Previews

## White Background



This preview shows how the Hex color 9B3BF7 looks on a white background.

## Color Contrast Check

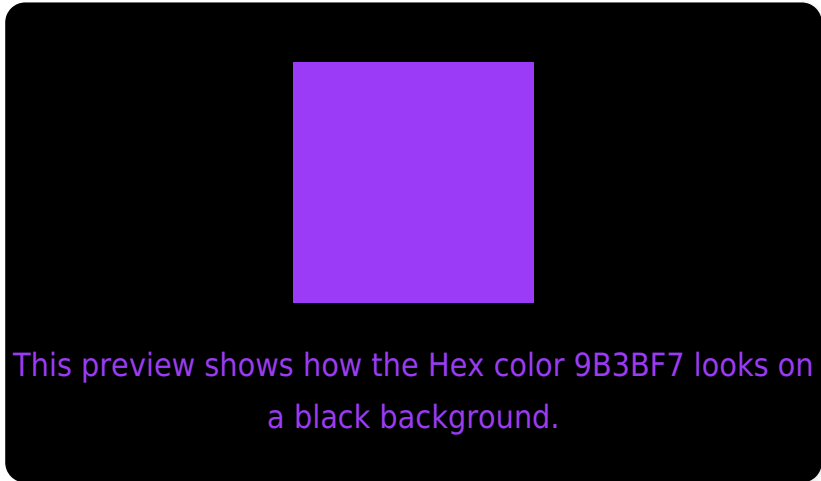
Large Text (above 18pt) WCAG AA ✓ Pass

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

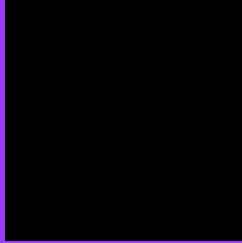
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9B3BF7 Background



This preview shows how black text looks on a background with the Hex color 9B3BF7.

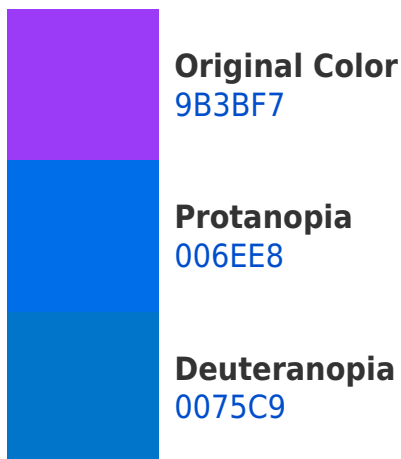


This preview shows how white text looks on a background with the Hex color 9B3BF7.

# 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](#).

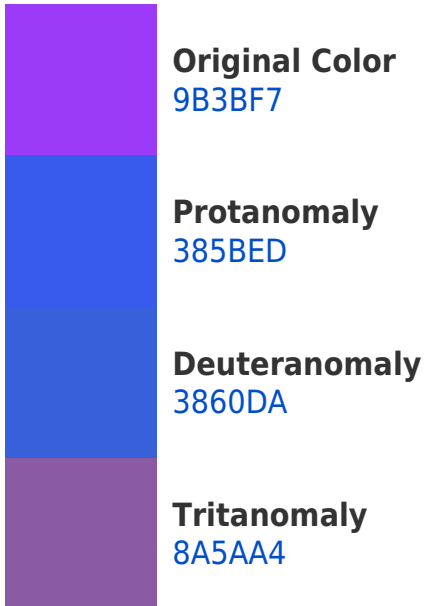
## Dichromacy



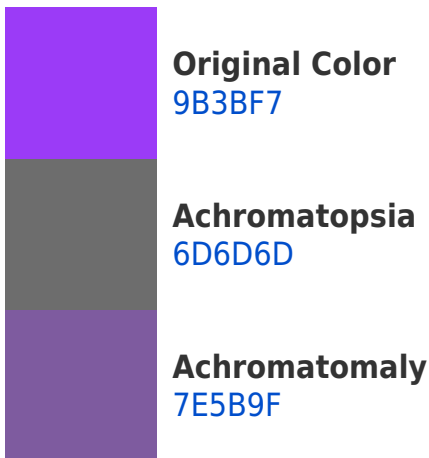


**Tritanopia**  
806C75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B3BF7 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 #9B3BF7 looks like.

```
.text, #text, p{  
    color:#9B3BF7  
}
```

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 #9B3BF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B3BF7
}
```

## Border

The CSS property to change the border of an element to Hex 9B3BF7 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
#9B3BF7 }
```

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

```
.border{ border-color:#9B3BF7 }
```

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

Here you see how a box with a 4 pixel #9B3BF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B3BF7; -webkit-box-shadow:4px 4px  
4px 4px #9B3BF7; box-shadow:4px 4px 4px  
4px #9B3BF7 }
```

# Background

The CSS property to change the background color of an element to Hex 9B3BF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B3BF7 }
```

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

```
.background{ background-color:#9B3BF7 }
```

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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