

Converting Colors

Hex(9B53FF)

Have a look what the booklet for
Hex(9B53FF) contains.

Hex(9B53FF)	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(9B53FF)

Conversions

Conversions Part 1

Format	Color
Hex	9B53FF
RGB	155, 83, 255
RGB Percent	61%, 33%, 100%
CMY	0.3922, 0.6745, 0.0000
CMYK	0.39, 0.67, 0.00, 0.00
HSL	265°, 100%, 66%
HSV	265°, 67%, 100%
XYZ	34.6608, 20.3751, 96.7137
YIQ	124.1360, -12.3000, 68.7560

Conversions

Conversions Part 2

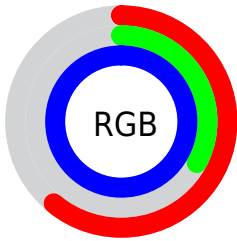
Format	Color
R _Y B	155, 83, 255
Decimal	10179583
CIE Lab	52.26, 63.00, -74.57
CIE LCh	52, 97.618, 310.195
Yxy	20.3751, 0.2284, 0.1343
Android (android.graphics.Color)	4288369663 (0xFF9B53FF)
YUV	124.1360, 64.5160, 27.0677
Hunter-Lab	45.1388, 58.0725, -95.4368

Details

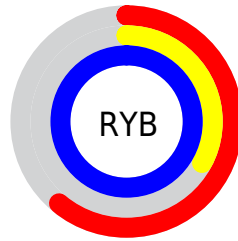
The Hex color **9B53FF** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **B7FF53**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **D789FF**, and **5F1AC5** is the 20% darker color. If you saturate the color by 10%, you get **8C39FF**, and if you desaturate by 10%, it is **AA6CFF**.

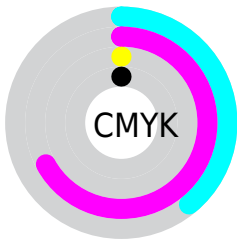
Distribution



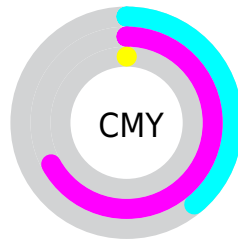
- Red (61%)
- Green (33%)
- Blue (100%)



- Red (61%)
- Yellow (33%)
- Blue (100%)



- Cyan (39%)
- Magenta (67%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (67%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B53FF 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 9B53FF by changing the saturation by 10% instead.

 9B53FF

 9B53FF

FFFFFF

 7D38E2

 D789FF

 5F1AC5

 F6A4FF

 3E00A9

 FFC1FF

 12008E

 FFDDFF

 000073

 FFFBFF

 00005A

 000741

 00032A

 000114

 9B53FF

 9B53FF

 8C39FF

 AA6CFF

 7D20FF

 B986FF

 6F07FF

 C7A0FF

 6B00FF

 D6B9FF

 E5D3FF

 F4ECFF

FFFFFF

Harmonies

Analogous

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



0080FF



9B53FF



F000B7

Triad

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



9B53FF



C46300



009D98

Complementary

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



9B53FF



B7FF53

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.



009A3F



9B53FF



7E8300

Square

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



9B53FF



F51F0B



009300



009DE9

Rectangle

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



9B53FF



FF0080



009300



009D7B

Sweetspot

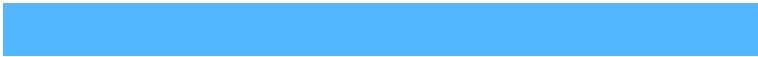
The Sweet Spot groups the original color and five complimentary colors.



9B53FF



E1CCFF



53B7FF



6E6180



000000



808080

Same Dimension

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



9B53FF



8730FF



F153FF



787380



5000BF



1B0040

Inverse Universe

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



FF53B7



FF30A9



61FF53



80737A



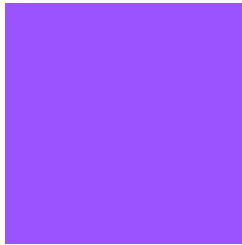
BF006F



400025

Previews

White Background



This preview shows how the Hex color 9B53FF 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

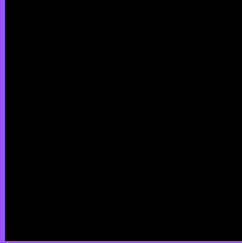
Any Text WCAG AA ✓ Pass

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 9B53FF Background



This preview shows how black text looks on a background with the Hex color 9B53FF.

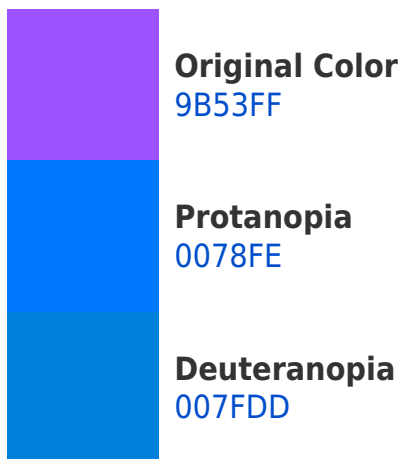



This preview shows how white text looks on a background with the Hex color 9B53FF.

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](#).

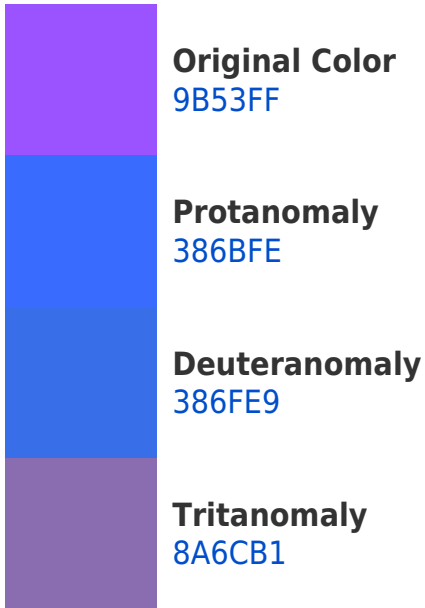
Dichromacy



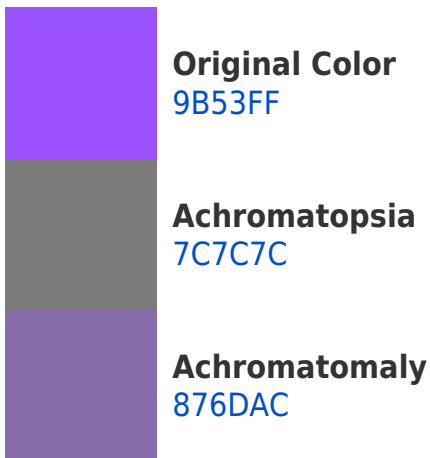


Tritanopia
807A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B53FF 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 #9B53FF looks like.

```
.text, #text, p{  
    color:#9B53FF  
}
```

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 #9B53FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B53FF
}
```

Border

The CSS property to change the border of an element to Hex 9B53FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

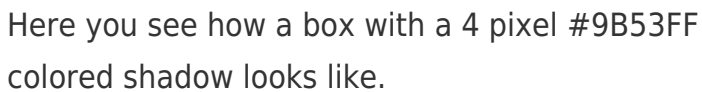
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B53FF }
```

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

```
.border{ border-color:#9B53FF }
```

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



Here you see how a box with a 4 pixel #9B53FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B53FF; -webkit-box-shadow:4px 4px  
4px 4px #9B53FF; box-shadow:4px 4px 4px  
4px #9B53FF }
```

Background

The CSS property to change the background color of an element to Hex 9B53FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B53FF }
```

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

```
.background{ background-color:#9B53FF }
```

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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