

Converting Colors

Hex(9B40FF)

Have a look what the booklet for
Hex(9B40FF) contains.

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Color

Hex(9B40FF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 9B40FF |
| RGB | 155, 64, 255 |
| RGB Percent | 61%, 25%, 100% |
| CMY | 0.3922, 0.7490, 0.0000 |
| CMYK | 0.39, 0.75, 0.00, 0.00 |
| HSL | 269°, 100%, 63% |
| HSV | 269°, 75%, 100% |
| XYZ | 33.4010, 17.8554, 96.2937 |
| YIQ | 112.9830, -7.0750, 78.6930 |

Conversions

Conversions Part 2

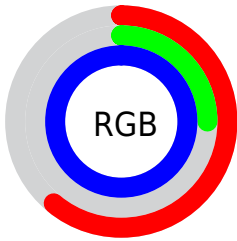
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 155, 64, 255 |
| Decimal | 10174719 |
| CIE Lab | 49.32, 71.29, -79.35 |
| CIE LCh | 49, 106.671, 311.935 |
| Yxy | 17.8554, 0.2264, 0.1210 |
| Android (android.graphics.Color) | 4288364799 (0xFF9B40FF) |
| YUV | 112.9830, 70.0144, 36.8489 |
| Hunter-Lab | 42.2556, 67.1482, -105.5335 |

Details

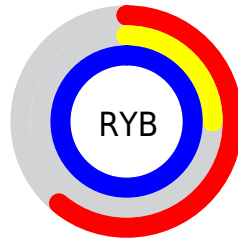
The Hex color **9B40FF** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **A4FF40**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **D878FF**, and **5D00C5** is the 20% darker color. If you saturate the color by 10%, you get **8E26FF**, and if you desaturate by 10%, it is **A85AFF**.

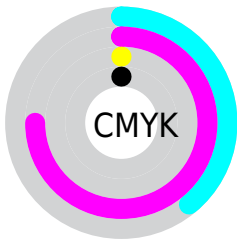
Distribution



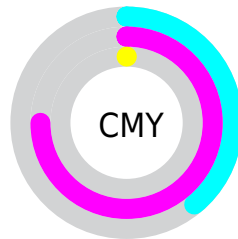
- Red (61%)
- Green (25%)
- Blue (100%)



- Red (61%)
- Yellow (25%)
- Blue (100%)



- Cyan (39%)
- Magenta (75%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (75%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B40FF 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 9B40FF by changing the saturation by 10% instead.

 9B40FF

 9B40FF

FFFFFF

 7D20E2

 D878FF

 5D00C5

 F794FF

 3C00A9

 FFB0FF

 08008D

 FFCDFD

 000073

 FFEAFF

 000059

 000741

 00032A

 000114

 9B40FF

 9B40FF

 8E26FF

 A85AFF

 800DFF

 B673FF

 7900FF

 C38DFF

 D0A6FF

 DEC0FF

 EBD9FF

 F8F3FF

FFFFFF

Harmonies

Analogous

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



0078FF



9B40FF



F300B0

Triad

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



9B40FF



BA5B00



009799

Complementary

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



9B40FF



A4FF40

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.



009437



9B40FF



6E7D00

Square

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



9B40FF



F10000



008D00



0097EF

Rectangle

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



9B40FF



FF0074



008D00



009679

Sweetspot

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



9B40FF



E2C7FF



40A6FF



6E5E80



000000



808080

Same Dimension

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



9B40FF



8719FF



F940FF



797380



5B00BF



1E0040

Inverse Universe

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



FF40A4



FF1992



46FF40



807379



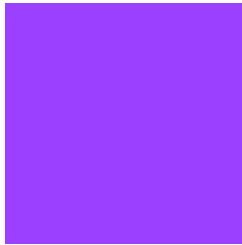
BF0064



400021

Previews

White Background



This preview shows how the Hex color 9B40FF 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 ✓ 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 9B40FF Background



This preview shows how black text looks on a background with the Hex color 9B40FF.

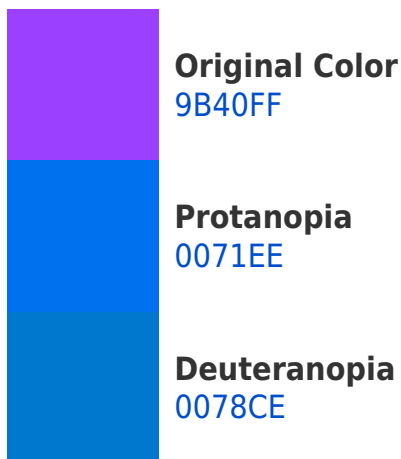


This preview shows how white text looks on a background with the Hex color 9B40FF.

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](#).

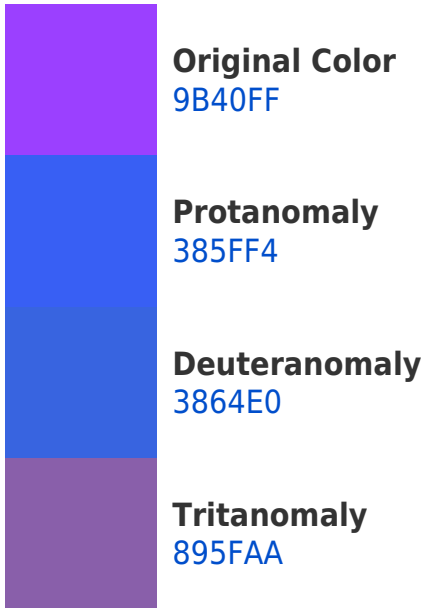
Dichromacy



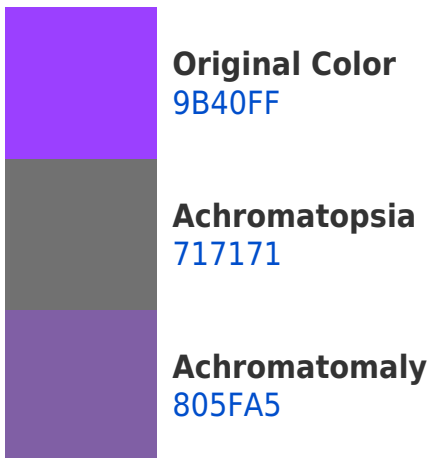


Tritanopia
7F717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B40FF 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 #9B40FF looks like.

```
.text, #text, p{  
    color:#9B40FF  
}
```

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 #9B40FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B40FF
}
```

Border

The CSS property to change the border of an element to Hex 9B40FF 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
#9B40FF }
```

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

```
.border{ border-color:#9B40FF }
```

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

Here you see how a box with a 4 pixel #9B40FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B40FF; -webkit-box-shadow:4px 4px  
4px 4px #9B40FF; box-shadow:4px 4px 4px  
4px #9B40FF }
```

Background

The CSS property to change the background color of an element to Hex 9B40FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B40FF }
```

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

```
.background{ background-color:#9B40FF }
```

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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