

Converting Colors

Hex(9F33FF)

Have a look what the booklet for
Hex(9F33FF) contains.

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Color

Hex(9F33FF)

Conversions

Conversions Part 1

Format	Color
Hex	9F33FF
RGB	159, 51, 255
RGB Percent	62%, 20%, 100%
CMY	0.3765, 0.8000, 0.0000
CMYK	0.38, 0.80, 0.00, 0.00
HSL	272°, 100%, 60%
HSV	272°, 80%, 100%
XYZ	33.5319, 16.9586, 96.1137
YIQ	106.5480, -1.1160, 86.3400

Conversions

Conversions Part 2

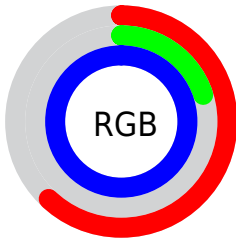
Format	Color
R _Y B	159, 51, 255
Decimal	10433535
CIE _{Lab}	48.21, 76.54, -81.15
CIE _{LCh}	48, 111.554, 313.326
Y _{xy}	16.9586, 0.2287, 0.1157
Android (android.graphics.Color)	4288623615 (0xFF9F33FF)
YUV	106.5480, 73.1868, 46.0004
Hunter-Lab	41.1808, 73.2791, -109.5531

Details

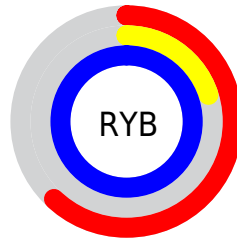
The Hex color **9F33FF** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **93FF33**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **DC6FFF**, and **6100C5** is the 20% darker color. If you saturate the color by 10%, you get **9319FF**, and if you desaturate by 10%, it is **AB4DFF**.

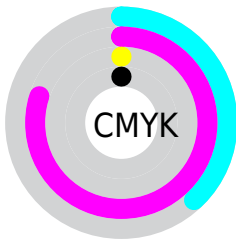
Distribution



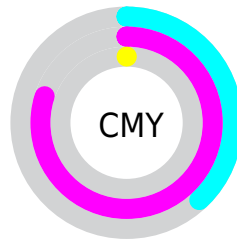
- Red (62%)
- Green (20%)
- Blue (100%)



- Red (62%)
- Yellow (20%)
- Blue (100%)



- Cyan (38%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F33FF 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 9F33FF by changing the saturation by 10% instead.

 9F33FF

 9F33FF

FFFFFF

 8005E2

 DC6FFF

 6100C5

 FB8BFF

 4000A9

 FFA8FF

 12008D

 FFC5FF

 000073

 FFE2FF

 000059

 000740

 000329

 000113

 9F33FF

 9F33FF

 9319FF

 AB4DFF

 8700FF

 B766FF

 C380FF

 CF99FF

 DBB3FF

 E7CCFF

 F3E6FF

FFFFFF

Harmonies

Analogous

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



0074FF



9F33FF



F700AB

Triad

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



9F33FF



B55A00



00949C

Complementary

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



9F33FF



93FF33

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.



009137



9F33FF



657C00

Square

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



9F33FF



EF0000



008B00



0095F5

Rectangle

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



9F33FF



FF006D



008B00



00937B

Sweetspot

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



9F33FF



E2C2FF



3396FF



6E5B80



000000



808080

Same Dimension

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



9F33FF



8C0AFF



FF33FC



7A7380



6500BF



220040

Inverse Universe

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



FF3393



FF0A7D



33FF36



807379



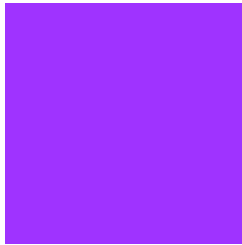
BF005A



40001E

Previews

White Background



This preview shows how the Hex color 9F33FF 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

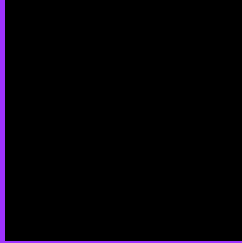
Any Text WCAG AA × Fail

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 9F33FF Background



This preview shows how black text looks on a background with the Hex color 9F33FF.



This preview shows how white text looks on a background with the Hex color 9F33FF.

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



Trichromacy



Original Color
9F33FF



Deuteranomaly
3A5DDD

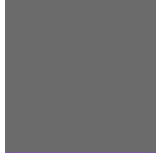


Tritanomaly
8D57A7

Monochromacy



Original Color
9F33FF



Achromatopsia
6B6B6B



Achromatomaly
7E57A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 9F33FF 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 #9F33FF looks like.

```
.text, #text, p{  
    color:#9F33FF  
}
```

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 #9F33FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F33FF
}
```

Border

The CSS property to change the border of an element to Hex 9F33FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

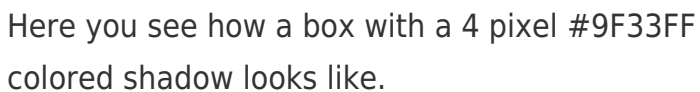
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F33FF }
```

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

```
.border{ border-color:#9F33FF }
```

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



Here you see how a box with a 4 pixel #9F33FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F33FF; -webkit-box-shadow:4px 4px  
4px 4px #9F33FF; box-shadow:4px 4px 4px  
4px #9F33FF }
```

Background

The CSS property to change the background color of an element to Hex 9F33FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F33FF }
```

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

```
.background{ background-color:#9F33FF }
```

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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