

Converting Colors

Hex(9333FF)

Have a look what the booklet for
Hex(9333FF) contains.

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Color

Hex(9333FF)

Conversions

Conversions Part 1

Format	Color
Hex	9333FF
RGB	147, 51, 255
RGB Percent	58%, 20%, 100%
CMY	0.4235, 0.8000, 0.0000
CMYK	0.42, 0.80, 0.00, 0.00
HSL	268°, 100%, 60%
HSV	268°, 80%, 100%
XYZ	31.2664, 15.7907, 96.0077
YIQ	102.9600, -8.2680, 83.7960

Conversions

Conversions Part 2

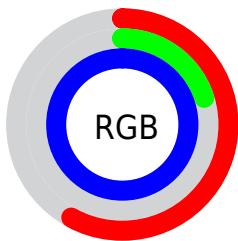
Format	Color
R_{YB}	147, 51, 255
Decimal	9647103
CIE _{Lab}	46.70, 74.90, -83.68
CIE _{LCh}	47, 112.309, 311.832
Yxy	15.7907, 0.2185, 0.1104
Android (android.graphics.Color)	4287837183 (0xFF9333FF)
YUV	102.9600, 74.9557, 38.6231
Hunter-Lab	39.7375, 70.9075, -115.4312

Details

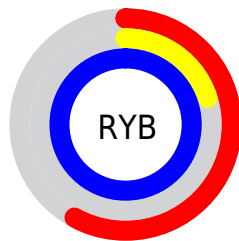
The Hex color **9333FF** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **9FFF33**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **D16DFF**, and **5300C5** is the 20% darker color. If you saturate the color by 10%, you get **8619FF**, and if you desaturate by 10%, it is **A14DFF**.

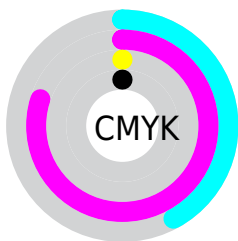
Distribution



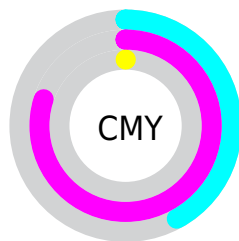
- Red (58%)
- Green (20%)
- Blue (100%)



- Red (58%)
- Yellow (20%)
- Blue (100%)



- Cyan (42%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9333FF 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 9333FF by changing the saturation by 10% instead.

 9333FF

 9333FF

FFFFFF

 7409E2

 D16DFF

 5300C5

 F089FF

 2E00A9

 FFA6FF

 00008D

 FFC3FF

 000073

 FFE0FF

 000059

 FFFDFF

 000740

 000329

 000113

 9333FF

 9333FF

 8619FF

 A14DFF

 7800FF

 AE66FF

 BC80FF

 C999FF

 D7B3FF

 E4CCFF

 F2E6FF

FFFFFF

Harmonies

Analogous

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



0072FF



9333FF



F100AC

Triad

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



9333FF



B45300



009093

Complementary

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



9333FF



9FFF33

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.



008D2D



9333FF



657700

Square

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



9333FF



ED0000



008700



0091EE

Rectangle

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



9333FF



FF006E



008700



008F73

Sweetspot

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



9333FF



DFC2FF



33A0FF



6C5B80



000000



808080

Same Dimension

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



9333FF



7D0AFF



F833FF



797380



5A00BF



1E0040

Inverse Universe

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



FF339F



FF0A8C



3AFF33



80737A



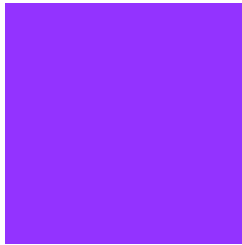
BF0065



400022

Previews

White Background



This preview shows how the Hex color 9333FF 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

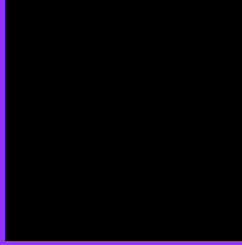
Any Text WCAG AA × Fail

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 9333FF Background



This preview shows how black text looks on a background with the Hex color 9333FF.

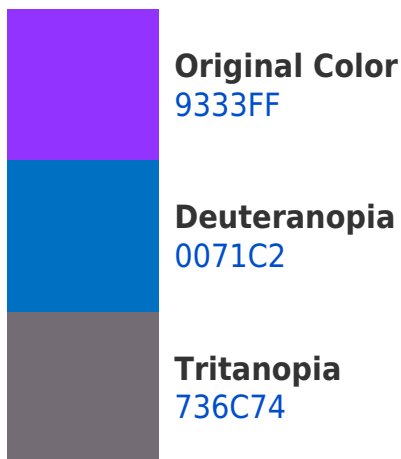


This preview shows how white text looks on a background with the Hex color 9333FF.

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
9333FF

Deuteranomaly
355AD8

Tritanomaly
7F57A7

Monochromacy



Original Color
9333FF

Achromatopsia
676767

Achromatomaly
77549E

CSS Examples

Text

The CSS property to change the color of the text to Hex 9333FF 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 #9333FF looks like.

```
.text, #text, p{  
    color:#9333FF  
}
```

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 #9333FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9333FF
}
```

Border

The CSS property to change the border of an element to Hex 9333FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

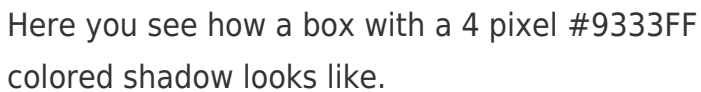
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9333FF }
```

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

```
.border{ border-color:#9333FF }
```

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



Here you see how a box with a 4 pixel #9333FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9333FF; -webkit-box-shadow:4px 4px  
4px 4px #9333FF; box-shadow:4px 4px 4px  
4px #9333FF }
```

Background

The CSS property to change the background color of an element to Hex 9333FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9333FF }
```

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

```
.background{ background-color:#9333FF }
```

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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