

# Converting Colors

Hex(9133FF)

Have a look what the booklet for  
Hex(9133FF) contains.

<b>Hex(9133FF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	28

**Color**

**Hex(9133FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9133FF
RGB	145, 51, 255
RGB Percent	57%, 20%, 100%
CMY	0.4314, 0.8000, 0.0000
CMYK	0.43, 0.80, 0.00, 0.00
HSL	268°, 100%, 60%
HSV	268°, 80%, 100%
XYZ	30.9109, 15.6074, 95.9911
YIQ	102.3620, -9.4600, 83.3720

# Conversions

## Conversions Part 2

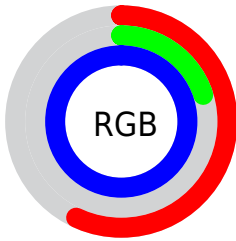
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 51, 255
Decimal	9516031
CIE <sub>Lab</sub>	46.46, 74.64, -84.09
CIE <sub>LCh</sub>	46, 112.439, 311.593
Yxy	15.6074, 0.2169, 0.1095
Android (android.graphics.Color)	4287706111 (0xFF9133FF)
YUV	102.3620, 75.2505, 37.3935
Hunter-Lab	39.5062, 70.5281, -116.4069

# Details

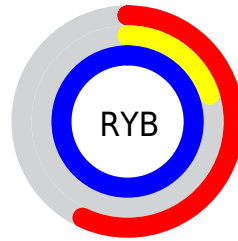
The Hex color **9133FF** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **A1FF33**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **CF6DFF**, and **5100C5** is the 20% darker color. If you saturate the color by 10%, you get **8319FF**, and if you desaturate by 10%, it is **9F4DFF**.

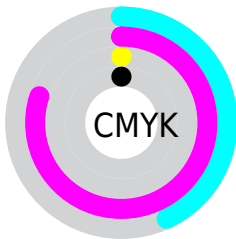
# Distribution



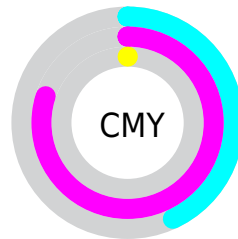
- Red (57%)
- Green (20%)
- Blue (100%)



- Red (57%)
- Yellow (20%)
- Blue (100%)



- Cyan (43%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (43%)
- Magenta (80%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9133FF 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 9133FF by changing the saturation by 10% instead.



 9133FF

 9133FF

FFFFFF

 720AE2

 CF6DFF

 5100C5

 EE89FF

 2A00A9

 FFA6FF

 00008D

 FFC2FF

 000073

 FFDFFF

 000059

 FFFDFF

 000740

 000329

 000113

 9133FF

 9133FF

 8319FF

 9F4DFF

 7500FF

 AC66FF

 BA80FF

 C899FF

 D6B3FF

 E3CCFF

 F1E6FF

FFFFFF

# Harmonies

## Analogous

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



0072FF



9133FF



F000AC

# Triad

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



9133FF



B45200



008F92

# Complementary

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



9133FF



A1FF33

# 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.



008C2B



9133FF



657600

# Square

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



9133FF



ED0000



008600



0090EC

# Rectangle

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



9133FF



FF006E



008600



008E71



# Sweetspot

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



9133FF



DEC2FF



33A3FF



6C5B80



000000



808080



# Same Dimension

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



9133FF



7B0AFF



F533FF



797380



5800BF



1D0040



# Inverse Universe

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



FF33A1



FF0A8E



3DFF33



80737A



BF0067

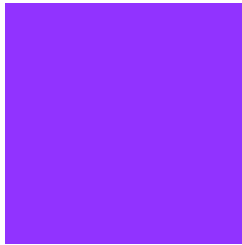


400022



# Previews

## White Background



This preview shows how the Hex color 9133FF looks on a white background.

## Color Contrast Check

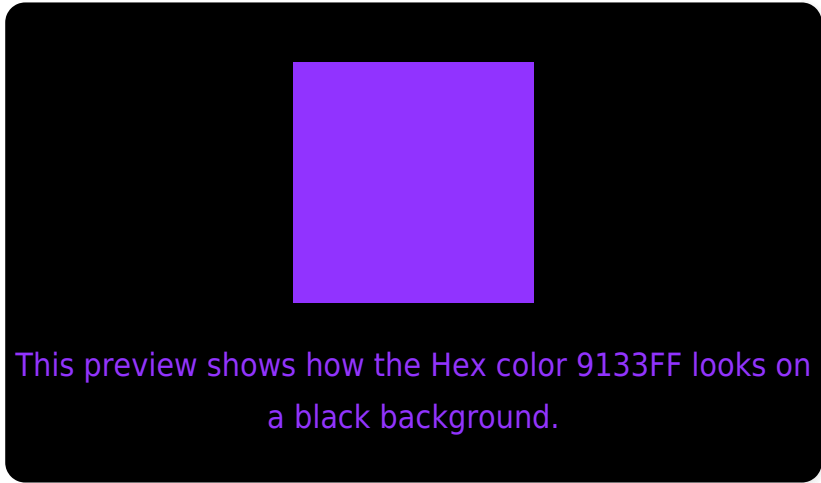
Large Text (above 18pt) WCAG AA ✓ Pass

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

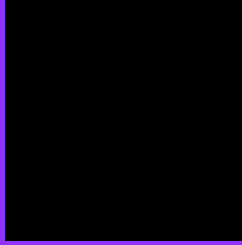
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9133FF Background



This preview shows how black text looks on a background with the Hex color 9133FF.

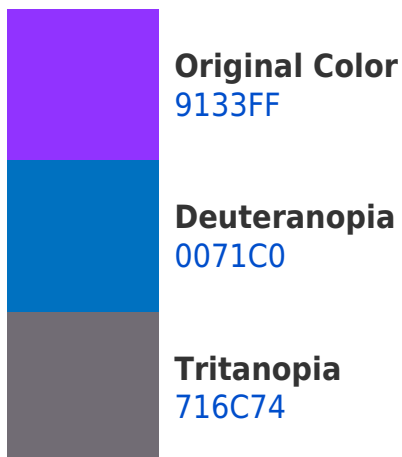


This preview shows how white text looks on a background with the Hex color 9133FF.

# 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**  
9133FF



**Deuteranomaly**  
355AD7



**Tritanomaly**  
7D57A7

# Monochromacy



**Original Color**  
9133FF



**Achromatopsia**  
666666



**Achromatomaly**  
76539E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9133FF 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 #9133FF looks like.

```
.text, #text, p{  
    color:#9133FF  
}
```

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 #9133FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9133FF
}
```

## Border

The CSS property to change the border of an element to Hex 9133FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

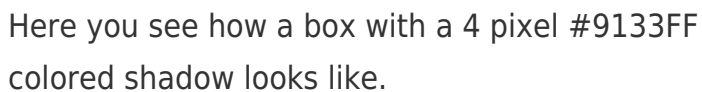
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9133FF }
```

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

```
.border{ border-color:#9133FF }
```

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



Here you see how a box with a 4 pixel #9133FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9133FF; -webkit-box-shadow:4px 4px  
4px 4px #9133FF; box-shadow:4px 4px 4px  
4px #9133FF }
```

# Background

The CSS property to change the background color of an element to Hex 9133FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9133FF }
```

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

```
.background{ background-color:#9133FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**



**Follow me  
on Twitter!**

@ConvertingColor