

# Converting Colors

Hex(9344FF)

Have a look what the booklet for  
Hex(9344FF) contains.

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**Color**

**Hex(9344FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9344FF
RGB	147, 68, 255
RGB Percent	58%, 27%, 100%
CMY	0.4235, 0.7333, 0.0000
CMYK	0.42, 0.73, 0.00, 0.00
HSL	265°, 100%, 63%
HSV	265°, 73%, 100%
XYZ	32.1497, 17.5573, 96.3022
YIQ	112.9390, -12.9430, 74.9050

# Conversions

## Conversions Part 2

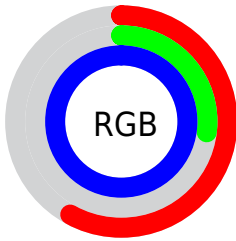
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 68, 255
Decimal	9651455
CIE <sub>Lab</sub>	48.95, 68.40, -79.99
CIE <sub>LCh</sub>	49, 105.246, 310.534
Yxy	17.5573, 0.2202, 0.1202
Android (android.graphics.Color)	4287841535 (0xFF9344FF)
<b>YUV</b>	112.9390, 70.0361, 29.8715
Hunter-Lab	41.9014, 63.6304, -106.9354

# Details

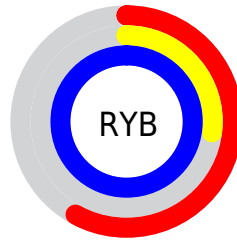
The Hex color **9344FF** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **B0FF44**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **D07BFF**, and **5400C5** is the 20% darker color. If you saturate the color by 10%, you get **842AFF**, and if you desaturate by 10%, it is **A25DFF**.

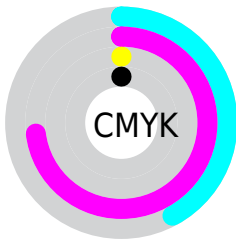
# Distribution



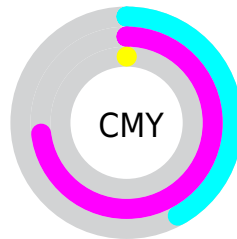
- Red (58%)
- Green (27%)
- Blue (100%)



- Red (58%)
- Yellow (27%)
- Blue (100%)



- Cyan (42%)
- Magenta (73%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (73%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9344FF 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 9344FF by changing the saturation by 10% instead.



 9344FF

 9344FF

FFFFFF

 7427E2

 D07BFF

 5400C5

 EF97FF

 3000A9

 FFB3FF

 00008D

 FFCFFF

 000073

 FFECFF

 000059

 000741

 00032A

 000114

9344FF

9344FF

842AFF

A25DFF

7611FF

B077FF

6C00FF

BF91FF

CEAAFF

DDC3FF

EBDDFF

FAF6FF

FFFFFF

# Harmonies

## Analogous

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



0078FF



9344FF



EE00B2

# Triad

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



9344FF



BC5900



009593

# Complementary

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



9344FF



B0FF44

# 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.



009232



9344FF



727B00

# Square

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



9344FF



F00000



008B00



0096E9

# Rectangle

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



9344FF



FF0077



008B00



009474



# Sweetspot

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



9344FF



DFC7FF



44B1FF



6C5E80



000000



808080



# Same Dimension

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



9344FF



7D1FFF



EF44FF



787380



5100BF



1B0040



# Inverse Universe

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



FF44B0



FF1FA0



54FF44



80737A



BF006E

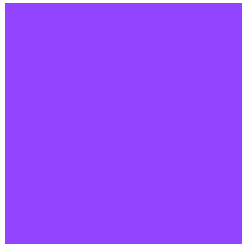


400025



# Previews

## White Background



This preview shows how the Hex color 9344FF 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 9344FF Background



This preview shows how black text looks on a background with the Hex color 9344FF.

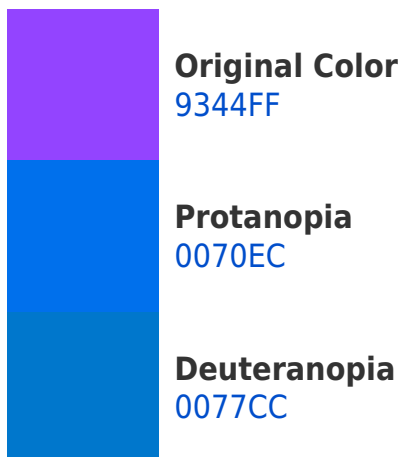


This preview shows how white text looks on a background with the Hex color 9344FF.

# 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



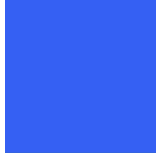


**Tritanopia**  
75737C

# Trichromacy



**Original Color**  
9344FF



**Protanomaly**  
3560F3



**Deuteranomaly**  
3564DF



**Tritanomaly**  
8062AC

# Monochromacy



**Original Color**  
9344FF



**Achromatopsia**  
717171



**Achromatomaly**  
7D61A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9344FF 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 #9344FF looks like.

```
.text, #text, p{  
    color:#9344FF  
}
```

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 #9344FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9344FF
}
```

## Border

The CSS property to change the border of an element to Hex 9344FF 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".

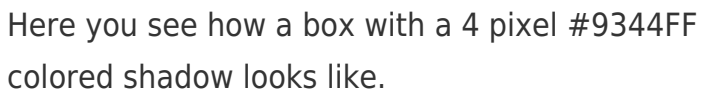
```
.border, #border, table{ border:4px solid
#9344FF }
```

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

```
.border{ border-color:#9344FF }
```

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

Here you see how a box with a 4 pixel #9344FF colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and bottom, and a thicker purple shadow on the right and bottom sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9344FF; -webkit-box-shadow:4px 4px  
4px 4px #9344FF; box-shadow:4px 4px 4px  
4px #9344FF }
```

# Background

The CSS property to change the background color of an element to Hex 9344FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9344FF }
```

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

```
.background{ background-color:#9344FF }
```

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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