

# Converting Colors

Hex(9932FF)

Have a look what the booklet for  
Hex(9932FF) contains.

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**Color**

**Hex(9932FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9932FF
RGB	153, 50, 255
RGB Percent	60%, 20%, 100%
CMY	0.4000, 0.8039, 0.0000
CMYK	0.40, 0.80, 0.00, 0.00
HSL	270°, 100%, 60%
HSV	270°, 80%, 100%
XYZ	32.3275, 16.2735, 96.0450
YIQ	104.1670, -4.4170, 85.5910

# Conversions

## Conversions Part 2

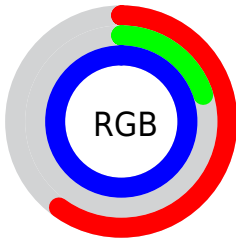
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	153, 50, 255
Decimal	10040063
CIE <sub>Lab</sub>	47.33, 76.04, -82.62
CIE <sub>LCh</sub>	47, 112.282, 312.626
Yxy	16.2735, 0.2235, 0.1125
Android (android.graphics.Color)	4288230143 (0xFF9932FF)
YUV	104.1670, 74.3607, 42.8265
Hunter-Lab	40.3404, 72.4481, -112.9230

# Details

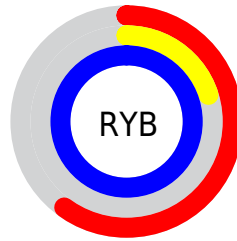
The Hex color **9932FF** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **98FF32**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **D66DFF**, and **5A00C5** is the 20% darker color. If you saturate the color by 10%, you get **8C18FF**, and if you desaturate by 10%, it is **A64CFF**.

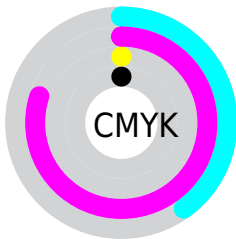
# Distribution



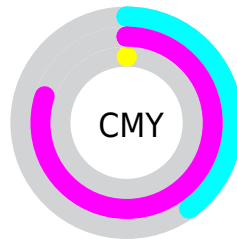
- Red (60%)
- Green (20%)
- Blue (100%)



- Red (60%)
- Yellow (20%)
- Blue (100%)



- Cyan (40%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (80%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9932FF 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 9932FF by changing the saturation by 10% instead.



 9932FF

 9932FF

FFFFFF

 7A05E2

 D66DFF

 5A00C5

 F58AFF

 3700A9

 FFA6FF

 00008D

 FFC3FF

 000073

 FFE0FF

 000059

FFFEFF

 000740

 000329

 000113

 9932FF

 9932FF

 8C18FF

 A64CFF

 8000FF

 B265FF

 BF7FFF

 CC98FF

 D8B2FF

 E5CBFF

 F2E5FF

FFFEFF

FFFFFF

# Harmonies

## Analogous

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



0073FF



9932FF



F400AB

# Triad

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



9932FF



B55600



009298

# Complementary

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



9932FF



98FF32

# 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.



008F31



9932FF



647900

# Square

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



9932FF



EE0000



008900



0093F2

# Rectangle

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



9932FF



FF006D



008900



009177



# Sweetspot

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



9932FF



E1C2FF



3299FF



6D5B80



000000



808080



# Same Dimension

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



9932FF



850AFF



FF32FF



797380



6000BF



200040



# Inverse Universe

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



FF3298



FF0A84



32FF32



807379



BF005F

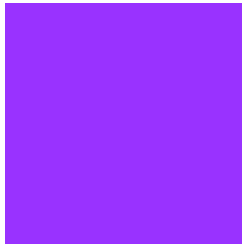


400020



# Previews

## White Background



This preview shows how the Hex color 9932FF looks on a white background.

## Color Contrast Check

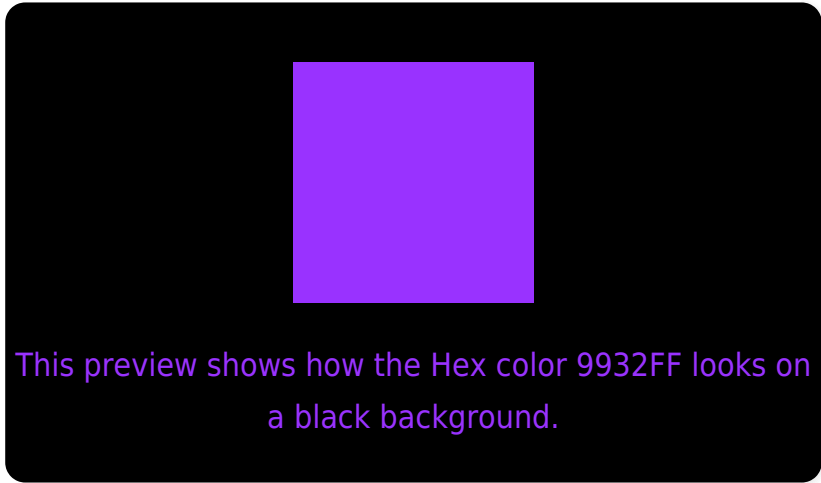
Large Text (above 18pt) WCAG AA ✓ Pass

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

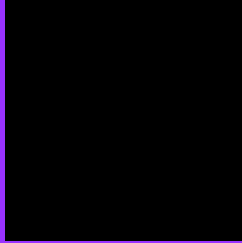
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9932FF Background



This preview shows how black text looks on a background with the Hex color 9932FF.



This preview shows how white text looks on a background with the Hex color 9932FF.

# 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**  
9932FF

**Deuteranomaly**  
385BDA

**Tritanomaly**  
8657A7

# Monochromacy



**Original Color**  
9932FF

**Achromatopsia**  
686868

**Achromatomaly**  
7A549F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9932FF 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 #9932FF looks like.

```
.text, #text, p{  
    color:#9932FF  
}
```

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 #9932FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9932FF
}
```

## Border

The CSS property to change the border of an element to Hex 9932FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

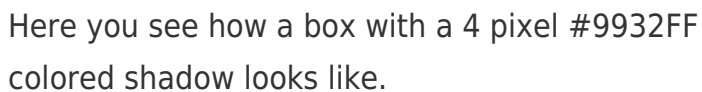
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9932FF }
```

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

```
.border{ border-color:#9932FF }
```

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



Here you see how a box with a 4 pixel #9932FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9932FF; -webkit-box-shadow:4px 4px  
4px 4px #9932FF; box-shadow:4px 4px 4px  
4px #9932FF }
```

# Background

The CSS property to change the background color of an element to Hex 9932FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9932FF }
```

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

```
.background{ background-color:#9932FF }
```

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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