

Converting Colors

Hex(9533FF)

Have a look what the booklet for
Hex(9533FF) contains.

Hex(9533FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9533FF)

Conversions

Conversions Part 1

Format	Color
Hex	9533FF
RGB	149, 51, 255
RGB Percent	58%, 20%, 100%
CMY	0.4157, 0.8000, 0.0000
CMYK	0.42, 0.80, 0.00, 0.00
HSL	269°, 100%, 60%
HSV	269°, 80%, 100%
XYZ	31.6283, 15.9772, 96.0247
YIQ	103.5580, -7.0760, 84.2200

Conversions

Conversions Part 2

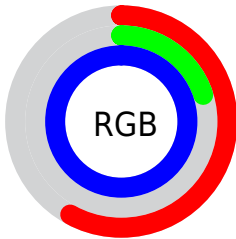
Format	Color
R_{YB}	149, 51, 255
Decimal	9778175
CIE _{Lab}	46.94, 75.17, -83.27
CIE _{LCh}	47, 112.181, 312.074
Yxy	15.9772, 0.2202, 0.1112
Android (android.graphics.Color)	4287968255 (0xFF9533FF)
YUV	103.5580, 74.6609, 39.8526
Hunter-Lab	39.9715, 71.2915, -114.4540

Details

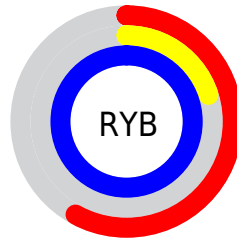
The Hex color **9533FF** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **9DFF33**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **D26DFF**, and **5600C5** is the 20% darker color. If you saturate the color by 10%, you get **8819FF**, and if you desaturate by 10%, it is **A24DFF**.

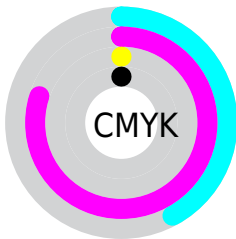
Distribution



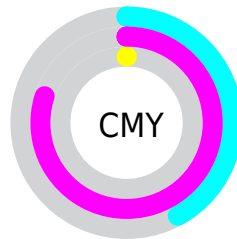
- Red (58%)
- Green (20%)
- Blue (100%)



- 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 9533FF 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 9533FF by changing the saturation by 10% instead.

 9533FF

 9533FF


FFFFFF

 7609E2

 D26DFF

 5600C5

 F18AFF

 3100A9

 FFA6FF

 00008D

 FFC3FF

 000073

 FFE0FF

 000059

FFFEFF

 000740

 000329

 000113

 9533FF

 9533FF

 8819FF

 A24DFF

 7B00FF

 B066FF

 BD80FF

 CA99FF

 D7B3FF

 E5CCFF

 F2E6FF

FFFFFF

Harmonies

Analogous

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



0072FF



9533FF



F200AC

Triad

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



9533FF



B55400



009195

Complementary

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



9533FF



9DFF33

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.



008E2E



9533FF



657800

Square

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



9533FF



ED0000



008700



0092EF

Rectangle

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



9533FF



FF006E



008700



009074

Sweetspot

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



9533FF



DFC2FF



33A0FF



6C5B80



000000



808080

Same Dimension

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



9533FF



800AFF



F833FF



797380



5C00BF



1F0040

Inverse Universe

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



FF339D



FF0A89



3AFF33



807379



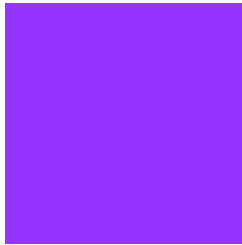
BF0063



400021

Previews

White Background



This preview shows how the Hex color 9533FF looks on a white background.

Color Contrast Check

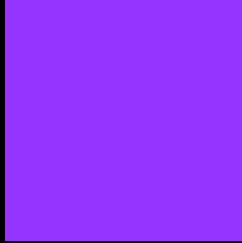
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 9533FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

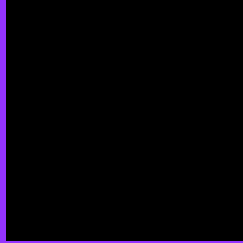
Any Text WCAG AA × Fail

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 9533FF Background



This preview shows how black text looks on a background with the Hex color 9533FF.

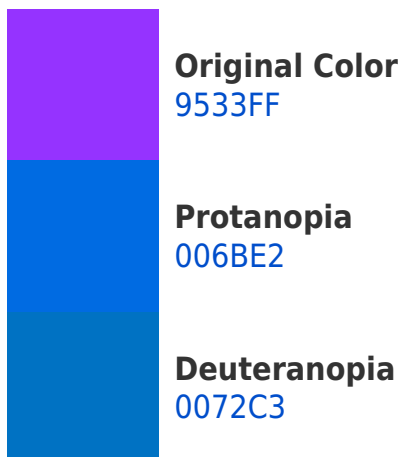


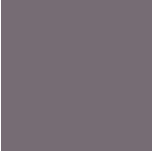
This preview shows how white text looks on a background with the Hex color 9533FF.

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](#).

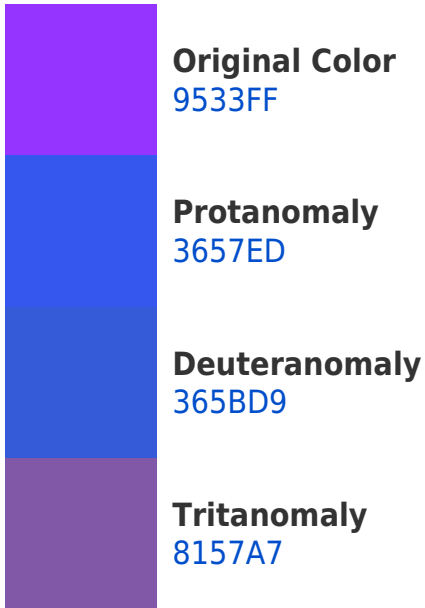
Dichromacy



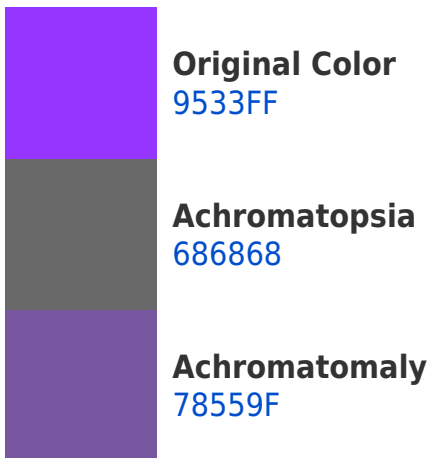


Tritanopia
766C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9533FF 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 #9533FF looks like.

```
.text, #text, p{  
    color:#9533FF  
}
```

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 #9533FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9533FF
}
```

Border

The CSS property to change the border of an element to Hex 9533FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

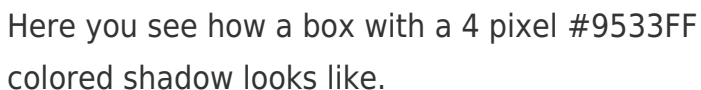
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9533FF }
```

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

```
.border{ border-color:#9533FF }
```

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



Here you see how a box with a 4 pixel #9533FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9533FF; -webkit-box-shadow:4px 4px  
4px 4px #9533FF; box-shadow:4px 4px 4px  
4px #9533FF }
```

Background

The CSS property to change the background color of an element to Hex 9533FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9533FF }
```

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

```
.background{ background-color:#9533FF }
```

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