

Converting Colors

Hex(9335FF)

Have a look what the booklet for
Hex(9335FF) contains.

Hex(9335FF)	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>	28

Color

Hex(9335FF)

Conversions

Conversions Part 1

Format	Color
Hex	9335FF
RGB	147, 53, 255
RGB Percent	58%, 21%, 100%
CMY	0.4235, 0.7922, 0.0000
CMYK	0.42, 0.79, 0.00, 0.00
HSL	268°, 100%, 60%
HSV	268°, 79%, 100%
XYZ	31.3557, 15.9693, 96.0375
YIQ	104.1340, -8.8180, 82.7500

Conversions

Conversions Part 2

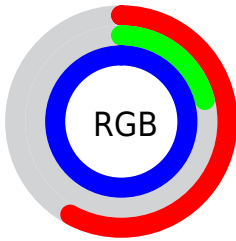
Format	Color
R_{YB}	147, 53, 255
Decimal	9647615
CIE _{Lab}	46.93, 74.22, -83.30
CIE _{LCh}	47, 111.564, 311.701
Yxy	15.9693, 0.2187, 0.1114
Android (android.graphics.Color)	4287837695 (0xFF9335FF)
YUV	104.1340, 74.3769, 37.5935
Hunter-Lab	39.9615, 70.1269, -114.5155

Details

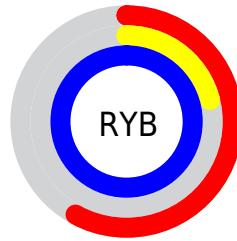
The Hex color **9335FF** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **A1FF35**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **D16FFF**, and **5300C5** is the 20% darker color. If you saturate the color by 10%, you get **851BFF**, and if you desaturate by 10%, it is **A14FFF**.

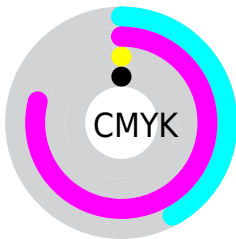
Distribution



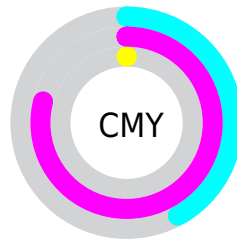
- Red (58%)
- Green (21%)
- Blue (100%)



- Red (58%)
- Yellow (21%)
- Blue (100%)



- Cyan (42%)
- Magenta (79%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (79%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9335FF 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 9335FF by changing the saturation by 10% instead.

 9335FF

 9335FF

FFFFFF

 740FE2

 D16FFF

 5300C5

 EF8BFF

 2E00A9

 FFA7FF

 00008D

 FFC4FF

 000073

 FFE1FF

 000059

 000740

 000329

 000113

 9335FF

 9335FF

 851BFF

 A14FFF

 7802FF

 AE68FF

 7700FF

 BC82FF

 CA9BFF

 D7B4FF

 E5CEFF

 F2E8FF

FFFFFF

Harmonies

Analogous

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



0073FF



9335FF



F100AD

Triad

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



9335FF



B55400



009093

Complementary

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



9335FF



A1FF35

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.



008E2D



9335FF



667800

Square

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



9335FF



ED0000



008700



0091ED

Rectangle

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



9335FF



FF006F



008700



009073

Sweetspot

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



9335FF



DEC2FF



35A4FF



6C5B80



000000



808080

Same Dimension

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



9335FF



7D0DFF



F535FF



797380



5900BF



1E0040

Inverse Universe

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



FF35A1



FF0D8E



3FFF35



80737A



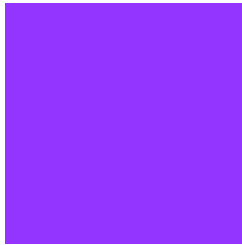
BF0066



400022

Previews

White Background



This preview shows how the Hex color 9335FF 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

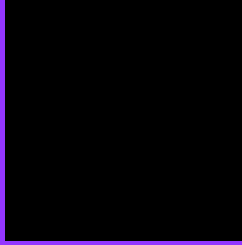
Any Text WCAG AA × Fail

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 9335FF Background



This preview shows how black text looks on a background with the Hex color 9335FF.

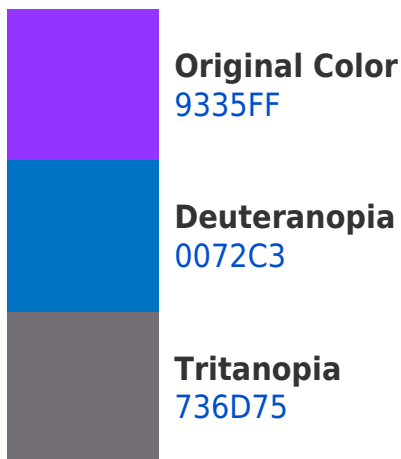


This preview shows how white text looks on a background with the Hex color 9335FF.

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
9335FF



Deuteranomaly
355CD9

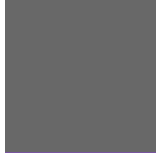


Tritanomaly
7F59A7

Monochromacy



Original Color
9335FF



Achromatopsia
686868



Achromatomaly
78559F

CSS Examples

Text

The CSS property to change the color of the text to Hex 9335FF 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 #9335FF looks like.

```
.text, #text, p{  
    color:#9335FF  
}
```

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 #9335FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9335FF
}
```

Border

The CSS property to change the border of an element to Hex 9335FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

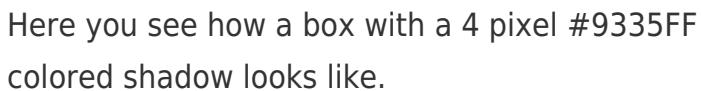
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9335FF }
```

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

```
.border{ border-color:#9335FF }
```

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



Here you see how a box with a 4 pixel #9335FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9335FF; -webkit-box-shadow:4px 4px  
4px 4px #9335FF; box-shadow:4px 4px 4px  
4px #9335FF }
```

Background

The CSS property to change the background color of an element to Hex 9335FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9335FF }
```

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

```
.background{ background-color:#9335FF }
```

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