

Converting Colors

Hex(FF99FF)

Have a look what the booklet for
Hex(FF99FF) contains.

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Color

Hex(F999F9)

Conversions

Conversions Part 1

Format	Color
Hex	FF99FF
RGB	255, 153, 255
RGB Percent	100%, 60%, 100%
CMY	0.0000, 0.4000, 0.0000
CMYK	0.00, 0.40, 0.00, 0.00
HSL	300°, 100%, 80%
HSV	300°, 40%, 100%
XYZ	70.6812, 51.2625, 100.7771
YIQ	195.1260, 28.0500, 53.3460

Conversions

Conversions Part 2

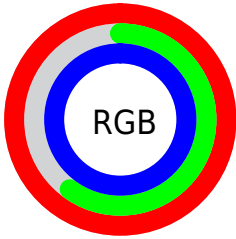
Format	Color
RYB	255, 153, 255
Decimal	16751103
CIELab	76.84, 52.83, -34.84
CIELCh	77, 63.286, 326.594
Yxy	51.2625, 0.3174, 0.2302
Android (android.graphics.Color)	4294941183 (0xFFFF99FF)
YUV	195.1260, 29.5179, 52.5095
Hunter-Lab	71.5978, 50.9187, -33.3348

Details

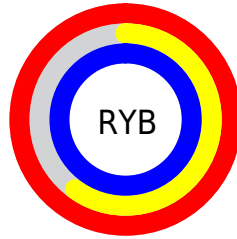
The Hex color **FF99FF** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **99FF99**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFD1FF**, and **C463C6** is the 20% darker color. If you saturate the color by 10%, you get **FF80FF**, and if you desaturate by 10%, it is **FFB3FF**.

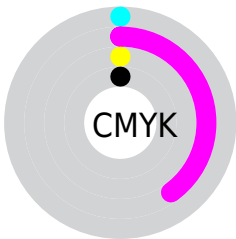
Distribution



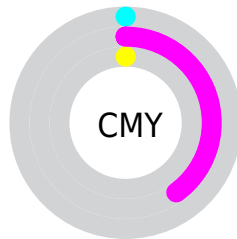
- Red (100%)
- Green (60%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color FF99FF 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 FF99FF by changing the saturation by 10% instead.

 FF99FF

 FF99FF

FFFFFF

 E17EE2

 FFD1FF

 C463C6

 FFE0FF

 A848AA

 8C2D90

 710A76

 56005D

 3C0045

 25002E

 000118

 FF99FF

 FF99FF

 FF80FF

 FFB3FF

 FF66FF

 FFCCFF

 FF4DFF

 FFE6FF

 FF33FF

FFFFFF

 FF19FF

 FF00FF

Harmonies

Analogous

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



B5B1FF



FF99FF



FF8AC7

Triad

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



FF99FF



E4B842



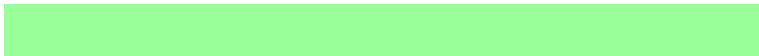
00DAF0

Complementary

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



FF99FF



99FF99

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.



00DAB5



FF99FF



AACA4E

Square

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



FF99FF



FFA25C



5ED57A



00D4FF

Rectangle

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



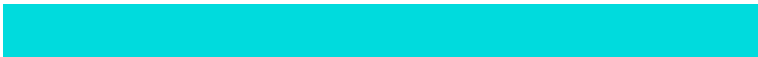
FF99FF



FF8B9F



5ED57A



00DBDD

Sweetspot

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



FF99FF



FFE0FF



9999FF



806E80



000000



808080

Same Dimension

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



FF99FF



FF85FF



FF99CC



807380



BF00BF



400040

Inverse Universe

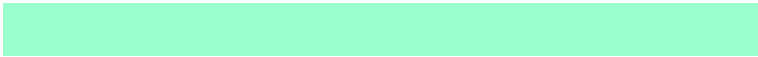
The Inverse Universe completely reimagines the original color for something new.



FF99FF



FF85FF



99FFCC



807380



BF00BF



400040

Previews

White Background



This preview shows how the Hex color FF99FF looks on a white background.

Color Contrast Check

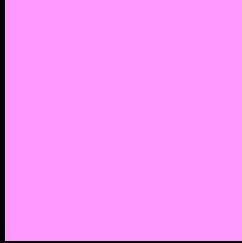
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color FF99FF looks on a 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 ✓ Pass

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

Hex FF99FF Background



This preview shows how black text looks on a background with the Hex color FF99FF.



This preview shows how white text looks on a background with the Hex color FF99FF.

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
F6A9B6

Trichromacy



Original Color
FF99FF



Protanomaly
C9AFFF



Deuteranomaly
CDAFFB



Tritanomaly
F9A3D1

Monochromacy



Original Color
FF99FF



Achromatopsia
C3C3C3



Achromatomaly
D9B4D9

CSS Examples

Text

The CSS property to change the color of the text to Hex FF99FF 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 #FF99FF looks like.

```
.text, #text, p{  
    color:#FF99FF  
}
```

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 #FF99FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF99FF  
}
```

Border

The CSS property to change the border of an element to Hex FF99FF 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  
#FF99FF }
```

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

```
.border{ border-color:#FF99FF }
```

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

Here you see how a box with a 4 pixel #FF99FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF99FF; -webkit-box-shadow:4px 4px  
4px 4px #FF99FF; box-shadow:4px 4px 4px  
4px #FF99FF }
```

Background

The CSS property to change the background color of an element to Hex FF99FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF99FF }
```

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

```
.background{ background-color:#FF99FF }
```

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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