

Converting Colors

Hex(FF90FF)

Have a look what the booklet for
Hex(FF90FF) contains.

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Color

Hex(F990FF)

Conversions

Conversions Part 1

Format	Color
Hex	FF90FF
RGB	255, 144, 255
RGB Percent	100%, 56%, 100%
CMY	0.0000, 0.4353, 0.0000
CMYK	0.00, 0.44, 0.00, 0.00
HSL	300°, 100%, 78%
HSV	300°, 44%, 100%
XYZ	69.2633, 48.4265, 100.3044
YIQ	189.8430, 30.5250, 58.0530

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 144, 255
Decimal	16748799
CIE Lab	75.09, 57.30, -37.55
CIE LCh	75, 68.506, 326.765
Yxy	48.4265, 0.3177, 0.2221
Android (android.graphics.Color)	4294938879 (0xFFFF90FF)
YUV	189.8430, 32.1224, 57.1427
Hunter-Lab	69.5892, 55.8830, -36.7470

Details

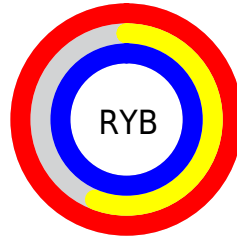
The Hex color **FF90FF** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **90FF90**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFC8FF**, and **C459C6** is the 20% darker color. If you saturate the color by 10%, you get **FF77FF**, and if you desaturate by 10%, it is **FFAAFF**.

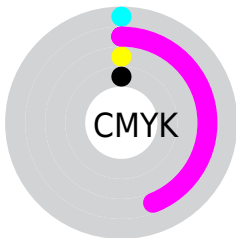
Distribution



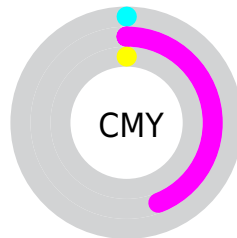
- Red (100%)
- Green (56%)
- Blue (100%)



- Red (100%)
- Yellow (56%)
- Blue (100%)



- Cyan (0%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF90FF 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 FF90FF by changing the saturation by 10% instead.

 FF90FF

 FF90FF

FFFFFF

 E175E2

 FFC8FF

 C459C6

 FFE5FF

 A83EAA

 8C1F90

 700076

 55005C

 3B0044

 22002D

 000117

 FF90FF

 FF90FF

 FF77FF

 FFAAFF

 FF5DFF

 FFC3FF

 FF43FF

 FFDDFF

 FF2AFF

 FFF6FF

 FF10FF

 FFFFFFFF

 FF00FF

Harmonies

Analogous

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



AEABFF



FF90FF



FF7EC2

Triad

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



FF90FF



E0B32F



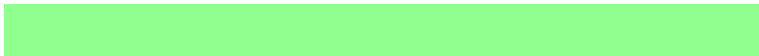
00D7F0

Complementary

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



FF90FF



90FF90

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.



00D7B0



FF90FF



A2C63E

Square

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



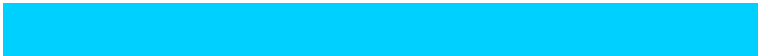
FF90FF



FF9B4F



4AD170



00D0FF

Rectangle

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



FF90FF



FF8098



4AD170



00D7DB

Sweetspot

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



FF90FF



FFDEFF



9090FF



806B80



000000



808080

Same Dimension

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



FF90FF



FF7AFF



FF90C8



807380



BF00BF



400040

Inverse Universe

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



FF90FF



FF7AFF



90FFC8



807380



BF00BF



400040

Previews

White Background



This preview shows how the Hex color FF90FF looks on a white background.

Color Contrast Check

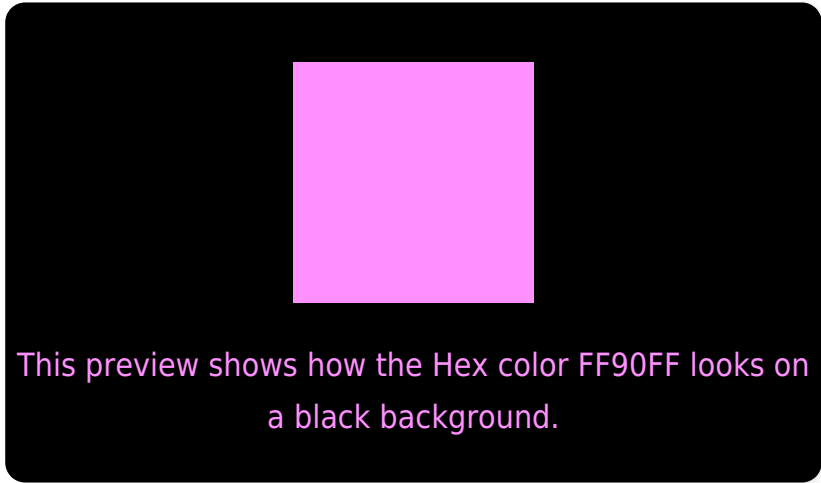
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 FF90FF Background



This preview shows how black text looks on a background with the Hex color FF90FF.



This preview shows how white text looks on a background with the Hex color FF90FF.

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](#).

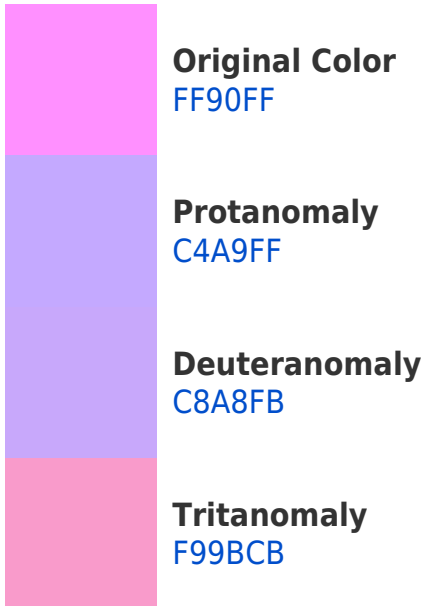
Dichromacy



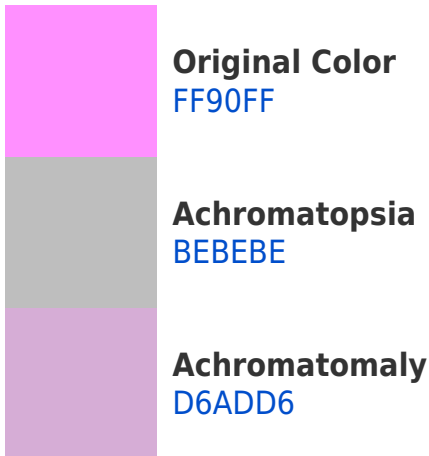


Tritanopia
F5A2AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF90FF 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 #FF90FF looks like.

```
.text, #text, p{  
    color:#FF90FF  
}
```

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 #FF90FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF90FF
}
```

Border

The CSS property to change the border of an element to Hex FF90FF 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
#FF90FF }
```

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

```
.border{ border-color:#FF90FF }
```

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

Here you see how a box with a 4 pixel #FF90FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF90FF; -webkit-box-shadow:4px 4px  
4px 4px #FF90FF; box-shadow:4px 4px 4px  
4px #FF90FF }
```

Background

The CSS property to change the background color of an element to Hex FF90FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF90FF }
```

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

```
.background{ background-color:#FF90FF }
```

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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