

Converting Colors

Hex(BF90FF)

Have a look what the booklet for
Hex(BF90FF) contains.

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Color

Hex(BF90FF)

Conversions

Conversions Part 1

Format	Color
Hex	BF90FF
RGB	191, 144, 255
RGB Percent	75%, 56%, 100%
CMY	0.2510, 0.4353, 0.0000
CMYK	0.25, 0.44, 0.00, 0.00
HSL	265°, 100%, 78%
HSV	265°, 44%, 100%
XYZ	49.5091, 38.2429, 99.3799
YIQ	170.7070, -7.6190, 44.4850

Conversions

Conversions Part 2

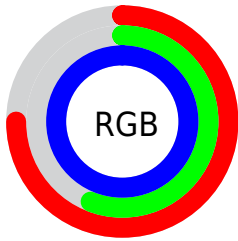
Format	Color
R_{YB}	191, 144, 255
Decimal	12554495
CIE _{Lab}	68.20, 39.37, -48.83
CIE _{LCh}	68, 62.729, 308.880
Yxy	38.2429, 0.2646, 0.2044
Android (android.graphics.Color)	4290744575 (0xFFBF90FF)
YUV	170.7070, 41.5564, 17.7970
Hunter-Lab	61.8408, 34.6838, -51.9921

Details

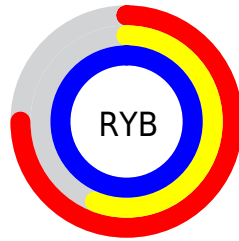
The Hex color **BF90FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **D0FF90**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **F9C7FF**, and **875CC6** is the 20% darker color. If you saturate the color by 10%, you get **B077FF**, and if you desaturate by 10%, it is **CEAAFF**.

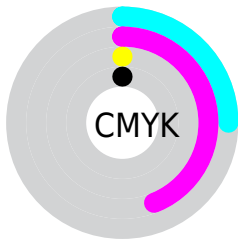
Distribution



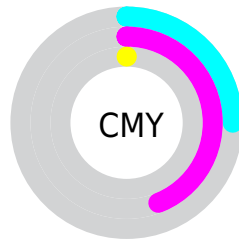
- Red (75%)
- Green (56%)
- Blue (100%)



- Red (75%)
- Yellow (56%)
- Blue (100%)



- Cyan (25%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color BF90FF 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 BF90FF by changing the saturation by 10% instead.

 BF90FF

 BF90FF

FFFFFF

 A376E2

 F9C7FF

 875CC6

 FFE3FF

 6C44AA

 512C8F

 351475

 17005C

 000044

 00032C

 000117

 BF90FF

 BF90FF

 B077FF

 CEAAFF

 A25DFF

 DCC3FF

 9343FF

 EBDDFF

 842AFF

 FAF6FF

 7510FF

FFFFFF

 6C00FF

Harmonies

Analogous

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



52A7FF



BF90FF



F879D0

Triad

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



BF90FF



E59538



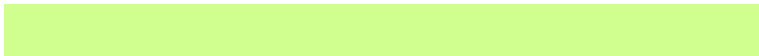
00C2B6

Complementary

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



BF90FF



D0FF90

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.



00BF7B



BF90FF



B4A92A

Square

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



BF90FF



FF7E62



77B748



00C0EC

Rectangle

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



BF90FF



FF72AB



77B748



00C1A2

Sweetspot

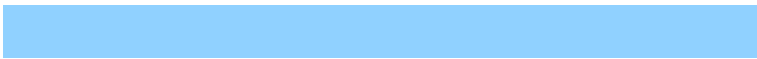
The Sweet Spot groups the original color and five complimentary colors.



BF90FF



ECDEFF



90D1FF



746B80



000000



808080

Same Dimension

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



BF90FF



B37AFF



F690FF



787380



5100BF



1B0040

Inverse Universe

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



FF90D0



FF7AC7



99FF90



80737A



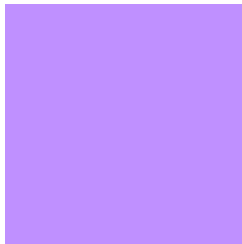
BF006E



400025

Previews

White Background



This preview shows how the Hex color BF90FF 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

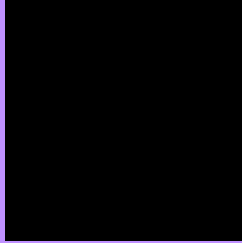
Any Text WCAG AA ✓ Pass

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 BF90FF Background



This preview shows how black text looks on a background with the Hex color BF90FF.



This preview shows how white text looks on a background with the Hex color BF90FF.

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](#).

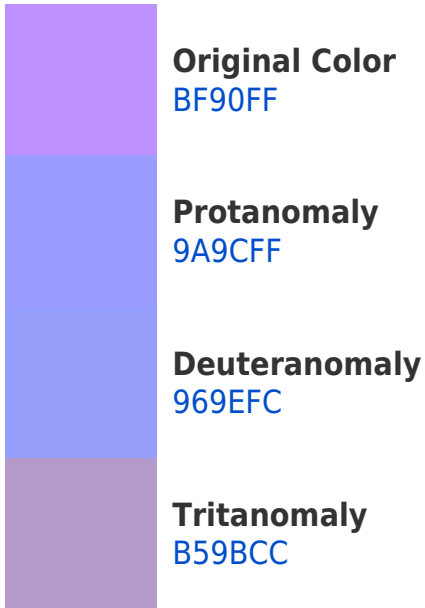
Dichromacy



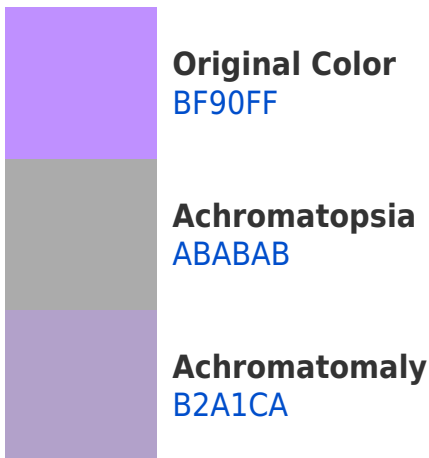


Tritanopia
B0A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BF90FF 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 #BF90FF looks like.

```
.text, #text, p{  
    color:#BF90FF  
}
```

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 #BF90FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF90FF
}
```

Border

The CSS property to change the border of an element to Hex BF90FF 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
#BF90FF }
```

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

```
.border{ border-color:#BF90FF }
```

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

Here you see how a box with a 4 pixel #BF90FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF90FF; -webkit-box-shadow:4px 4px  
4px 4px #BF90FF; box-shadow:4px 4px 4px  
4px #BF90FF }
```

Background

The CSS property to change the background color of an element to Hex BF90FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF90FF }
```

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

```
.background{ background-color:#BF90FF }
```

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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