

# Converting Colors

Hex(91B6FF)

Have a look what the booklet for  
Hex(91B6FF) contains.

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# **Color**

**Hex(91B6FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91B6FF
RGB	145, 182, 255
RGB Percent	57%, 71%, 100%
CMY	0.4314, 0.2863, 0.0000
CMYK	0.43, 0.29, 0.00, 0.00
HSL	220°, 100%, 78%
HSV	220°, 43%, 100%
XYZ	46.4550, 46.6956, 101.1725
YIQ	179.2590, -45.4850, 14.8590

# Conversions

## Conversions Part 2

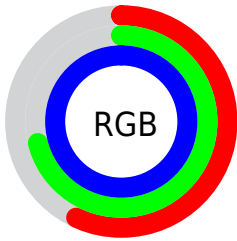
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">145, 173, 255</a>
Decimal	<a href="#">9549567</a>
CIELab	<a href="#">73.99, 5.95, -40.00</a>
CIElCh	<a href="#">74, 40.439, 278.454</a>
Yxy	<a href="#">46.6956, 0.2391, 0.2403</a>
Android (android.graphics.Color)	<a href="#">4287739647 (0xFF91B6FF)</a>
YUV	<a href="#">179.2590, 37.3403, -30.0451</a>
Hunter-Lab	<a href="#">68.3342, 1.7631, -39.9481</a>

# Details

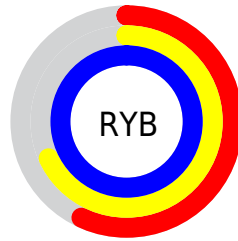
The Hex color **91B6FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFDA91**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **CAEEFF**, and **5881C6** is the 20% darker color. If you saturate the color by 10%, you get **78A5FF**, and if you desaturate by 10%, it is **ABC7FF**.

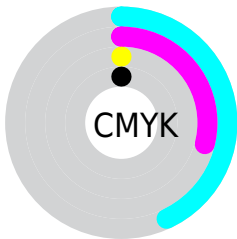
# Distribution



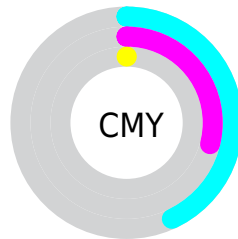
- Red (57%)
- Green (71%)
- Blue (100%)



- Red (57%)
- Yellow (68%)
- Blue (100%)



- Cyan (43%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (43%)
- Magenta (29%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91B6FF 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 91B6FF by changing the saturation by 10% instead.



 91B6FF

 91B6FF

FFFFFF

 759BE2

 CAEEFF

 5881C6

 E8FFFF

 3B68AA

 165190

 003A76

 00255D

 001045

 00032E

 000118

 91B6FF

 91B6FF

 78A5FF

 ABC7FF

 5E94FF


 C4D8FF

 4483FF

 DEE9FF

 2B72FF

 F7FAFF

 1161FF

FFFFFF

 0056FF

# Harmonies

## Analogous

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



4EC1FA



91B6FF



C8A8F0

# Triad

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



91B6FF



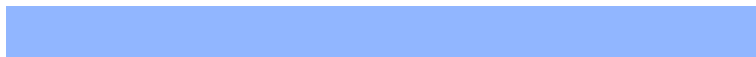
FA9E8A



6DC899

# Complementary

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



91B6FF



FFDA91

# 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.



9CC17A



91B6FF



E5AA71

# Square

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



91B6FF



FE99AD



C4B76B



35CAC0

# Rectangle

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



91B6FF



E3A0DD



C4B76B



7EC68E



# Sweetspot

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



91B6FF



DEE9FF



91FFD9



6B7280



000000



808080



# Same Dimension

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



91B6FF



7AA7FF



A291FF



737780



0040BF



001540



# Inverse Universe

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



FF91B6



FF7AA7



EEFF91



807377



BF0040



400015



# Previews

## White Background



This preview shows how the Hex color 91B6FF looks on a white background.

## Color Contrast Check

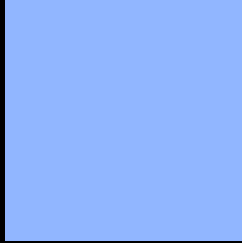
Large Text (above 18pt) WCAG AA × Fail

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 91B6FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

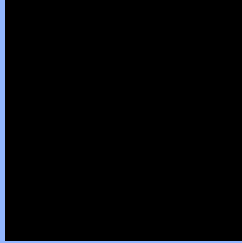
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

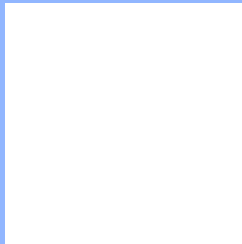
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 91B6FF Background



This preview shows how black text looks on a background with the Hex color 91B6FF.



This preview shows how white text looks on a background with the Hex color 91B6FF.

# 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](#).

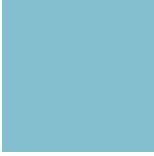
## Dichromacy



**Original Color**  
91B6FF

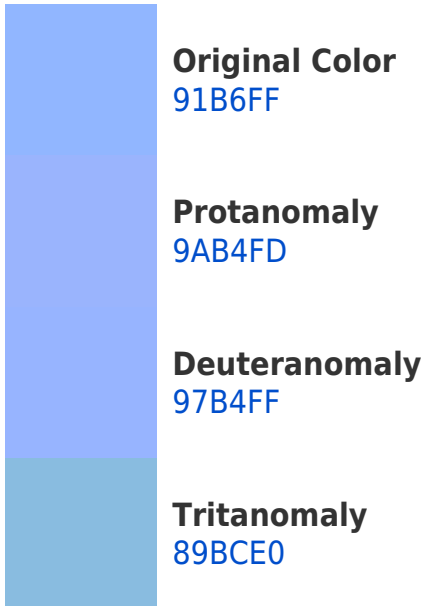
**Protanopia**  
9FB3FC

**Deuteranopia**  
9BB3FF



**Tritanopia**  
84BFCF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91B6FF 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 #91B6FF looks like.

```
.text, #text, p{  
    color:#91B6FF  
}
```

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 #91B6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91B6FF
}
```

## Border

The CSS property to change the border of an element to Hex 91B6FF 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
#91B6FF }
```

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

```
.border{ border-color:#91B6FF }
```

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

Here you see how a box with a 4 pixel #91B6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91B6FF; -webkit-box-shadow:4px 4px  
4px 4px #91B6FF; box-shadow:4px 4px 4px  
4px #91B6FF }
```

# Background

The CSS property to change the background color of an element to Hex 91B6FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91B6FF }
```

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

```
.background{ background-color:#91B6FF }
```

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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