

# Converting Colors

Hex(91F3FF)

Have a look what the booklet for  
Hex(91F3FF) contains.

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# **Color**

**Hex(91F3FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91F3FF
RGB	145, 243, 255
RGB Percent	57%, 95%, 100%
CMY	0.4314, 0.0471, 0.0000
CMYK	0.43, 0.05, 0.00, 0.00
HSL	187°, 100%, 78%
HSV	187°, 43%, 100%
XYZ	61.7776, 77.3409, 106.2800
YIQ	215.0660, -62.2600, -17.0440

# Conversions

## Conversions Part 2

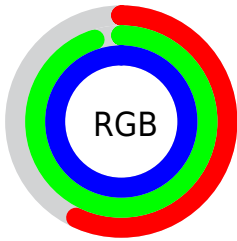
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 197, 255
Decimal	9565183
CIELab	90.48, -25.85, -14.81
CIElCh	90, 29.788, 209.814
Yxy	77.3409, 0.2517, 0.3152
Android (android.graphics.Color)	4287755263 (0xFF91F3FF)
YUV	215.0660, 19.6875, -61.4479
Hunter-Lab	87.9437, -28.5109, -10.0914

# Details

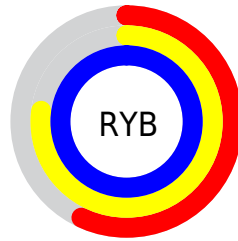
The Hex color **91F3FF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF9D91**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **CCFFFF**, and **56BBC6** is the 20% darker color. If you saturate the color by 10%, you get **78F0FF**, and if you desaturate by 10%, it is **ABF6FF**.

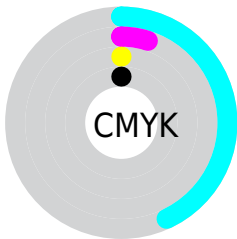
# Distribution



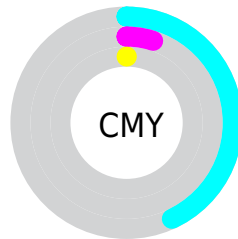
- Red (57%)
- Green (95%)
- Blue (100%)



- Red (57%)
- Yellow (77%)
- Blue (100%)



- Cyan (43%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (43%)
- Magenta (5%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91F3FF 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 91F3FF by changing the saturation by 10% instead.



 91F3FF

 91F3FF

FFFFFF

 74D6E2

 CCFFFF

 56BBC6

 E9FFFF

 369FAB

 008590

 006C77

 00535E

 003B46

 002630

 00051C

 91F3FF

 91F3FF

 78F0FF

 ABF6FF

 5EEDFF

 C4F9FF

 44EBFF

 DEFBFF

 2BE8FF

 F7FEFF

 11E5FF

FFFFFF

 00E3FF

# Harmonies

## Analogous

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



9EF4E3



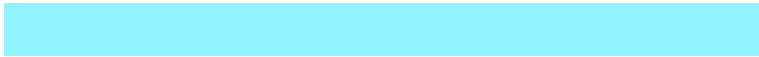
91F3FF



9FEEFF

# Triad

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



91F3FF



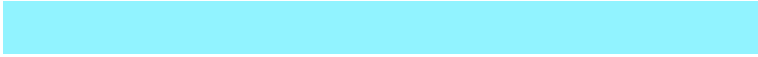
FFD4FF



F9E2AB

# Complementary

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



91F3FF



FF9D91

# 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.



FFD8B3



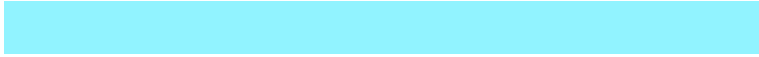
91F3FF



FFCFE5

# Square

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



91F3FF



E8DCFF



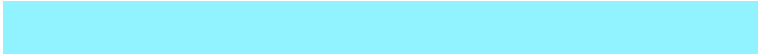
FFD1C9



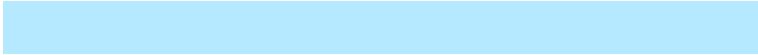
DAEBB2

# Rectangle

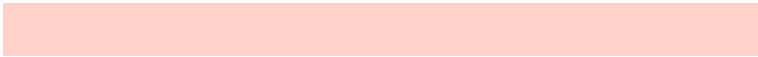
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91F3FF



B4E9FF



FFD1C9



FFDFAC

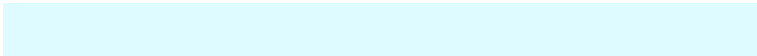


# Sweetspot

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



91F3FF



DEFBFF



91FF9C



6B7D80



000000



808080

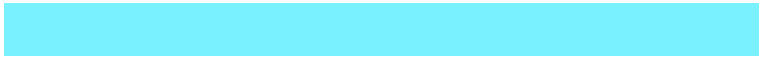


# Same Dimension

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



91F3FF



7AF1FF



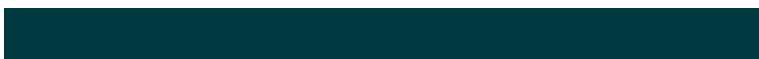
91BDFF



737E80



00AABF



003940



# Inverse Universe

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



FF91F3



FF7AF1



FFD391



80737E



BF00AA

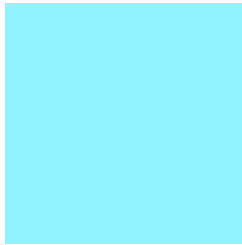


400039



# Previews

## White Background



This preview shows how the Hex color 91F3FF looks on a white background.

## Color Contrast Check

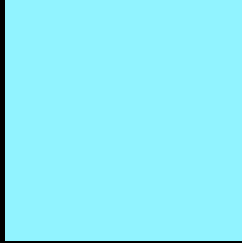
Large Text (above 18pt) WCAG AA × Fail

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 91F3FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

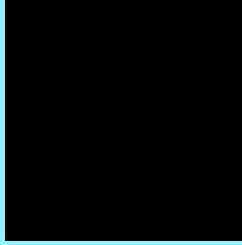
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 91F3FF Background



This preview shows how black text looks on a background with the Hex color 91F3FF.

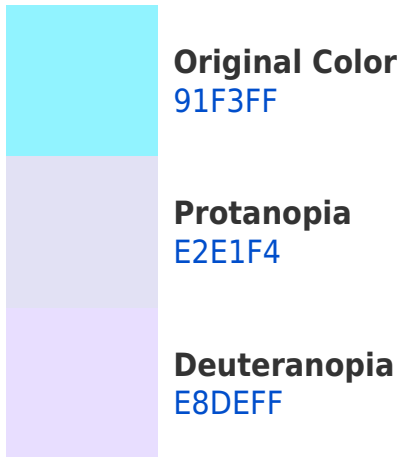


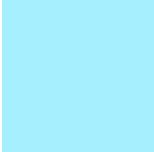
This preview shows how white text looks on a background with the Hex color 91F3FF.

# 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](#).

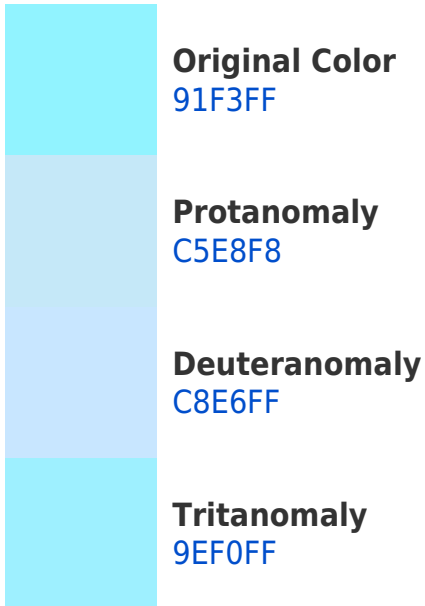
## Dichromacy



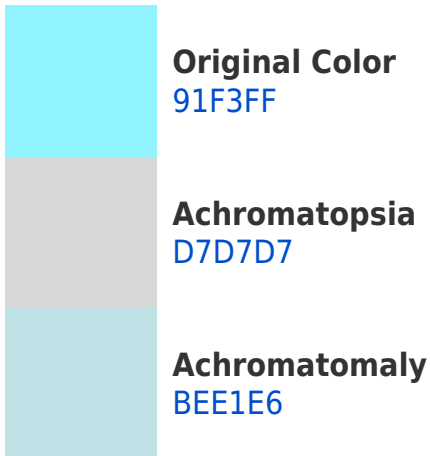


**Tritanopia**  
A6EFFF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91F3FF 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 #91F3FF looks like.

```
.text, #text, p{  
    color:#91F3FF  
}
```

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 #91F3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91F3FF }  
}
```

## Border

The CSS property to change the border of an element to Hex 91F3FF 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 #91F3FF }  
}
```

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

```
.border{ border-color:#91F3FF }
```

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

Here you see how a box with a 4 pixel #91F3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91F3FF; -webkit-box-shadow:4px 4px  
4px 4px #91F3FF; box-shadow:4px 4px 4px  
4px #91F3FF }
```

# Background

The CSS property to change the background color of an element to Hex 91F3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91F3FF }
```

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

```
.background{ background-color:#91F3FF }
```

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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