

# Converting Colors

Hex(91FF95)

Have a look what the booklet for  
Hex(91FF95) contains.

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**Color**

**Hex(91FF95)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91FF95
RGB	145, 255, 149
RGB Percent	57%, 100%, 58%
CMY	0.4314, 0.0000, 0.4157
CMYK	0.43, 0.00, 0.42, 0.00
HSL	122°, 100%, 78%
HSV	122°, 43%, 100%
XYZ	52.8619, 79.7097, 41.0332
YIQ	210.0260, -31.5340, -56.2860

# Conversions

## Conversions Part 2

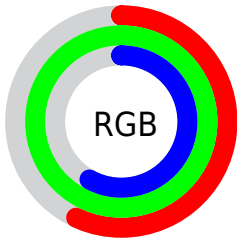
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">145, 251, 255</a>
Decimal	<a href="#">9568149</a>
CIELab	<a href="#">91.55, -52.41, 40.98</a>
CIELCh	<a href="#">92, 66.528, 141.981</a>
Yxy	<a href="#">79.7097, 0.3045, 0.4591</a>
Android (android.graphics.Color)	<a href="#">4287758229 (0xFF91FF95)</a>
YUV	<a href="#">210.0260, -30.0858, -57.0278</a>
Hunter-Lab	<a href="#">89.2803, -50.5526, 35.2465</a>

# Details

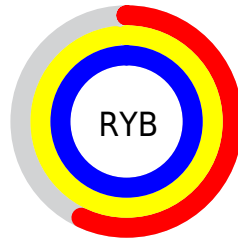
The Hex color **91FF95** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **FF91FB**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **CBFFCC**, and **57C560** is the 20% darker color. If you saturate the color by 10%, you get **78FF7C**, and if you desaturate by 10%, it is **ABFFAE**.

# Distribution



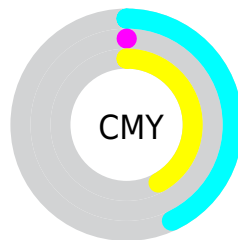
- Red (57%)
- Green (100%)
- Blue (58%)



- Red (57%)
- Yellow (98%)
- Blue (100%)



- Cyan (43%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)



- Cyan (43%)
- Magenta (0%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91FF95 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 91FF95 by changing the saturation by 10% instead.





91FF95



91FF95

FFFFFF



74E27A



CBFFCC



57C560



E9FFE9



37AA47



098F2E



007413



005B00




004200




002C00



000B00

 91FF95

 91FF95

 78FF7C

 ABFFAE

 5EFF64

 C4FFC6

 44FF4B

 DEFFDF

 2BFF33

 F7FFF7

 11FF1A

FFFFFF

 00FF09

# Harmonies

## Analogous

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



DDF26B



91FF95



00FFD3

# Triad

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



91FF95



16F3FF



FFB3BB

# Complementary

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



91FF95



FF91FB

# 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.



FFB2FB



91FF95



CFDDFF

# Square

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



91FF95



00FFFF



FFC3FF



FFC684

# Rectangle

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



91FF95



00FFFF



FFC3FF

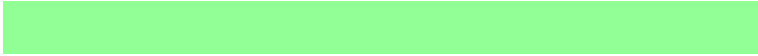


FFB0CF

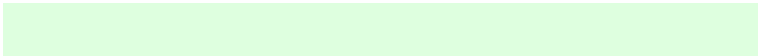


# Sweetspot

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



91FF95



DEFFDF



FBFF91



6B806C



000000



808080



# Same Dimension

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



91FF95



7AFF7F



91FFCC



738073



00BF07



004002



# Inverse Universe

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



FF91FB



FF7AFA



FF91C4



80737F



BF00B8

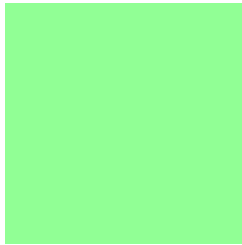


40003D



# Previews

## White Background



This preview shows how the Hex color 91FF95 looks on a white background.

## Color Contrast Check

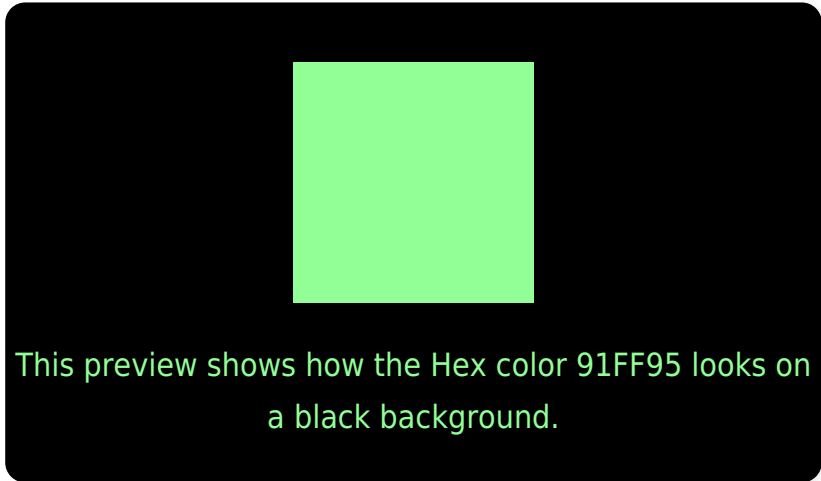
Large Text (above 18pt) WCAG AA × Fail

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

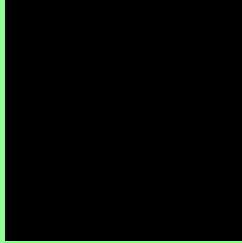
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 91FF95 Background



This preview shows how black text looks on a background with the Hex color 91FF95.

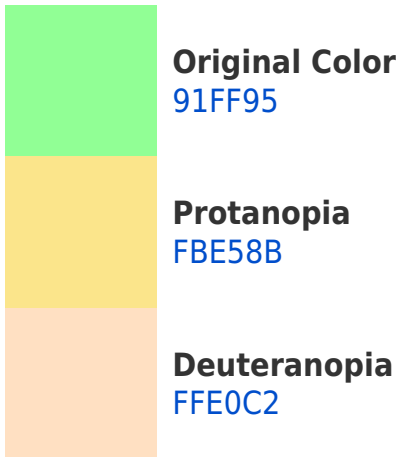


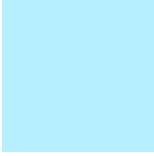
This preview shows how white text looks on a background with the Hex color 91FF95.

# 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



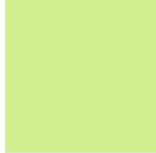


**Tritanopia**  
B7EFFF

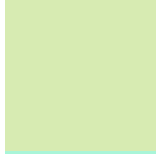
# Trichromacy



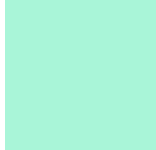
**Original Color**  
91FF95



**Protanomaly**  
D4EE8F

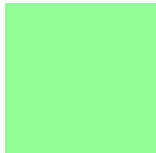


**Deuteranomaly**  
D7EBB2

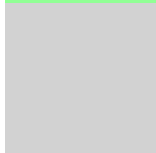


**Tritanomaly**  
A9F5D8

# Monochromacy



**Original Color**  
91FF95



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
BAE2BC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91FF95 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 #91FF95 looks like.

```
.text, #text, p{  
    color:#91FF95  
}
```

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 #91FF95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91FF95
}
```

## Border

The CSS property to change the border of an element to Hex 91FF95 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
#91FF95 }
```

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

```
.border{ border-color:#91FF95 }
```

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

Here you see how a box with a 4 pixel #91FF95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91FF95; -webkit-box-shadow:4px 4px  
4px 4px #91FF95; box-shadow:4px 4px 4px  
4px #91FF95 }
```

# Background

The CSS property to change the background color of an element to Hex 91FF95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91FF95 }
```

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

```
.background{ background-color:#91FF95 }
```

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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