

# Converting Colors

Hex(91FF47)

Have a look what the booklet for  
Hex(91FF47) contains.

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**Color**

**Hex(91FF47)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91FF47
RGB	145, 255, 71
RGB Percent	57%, 100%, 28%
CMY	0.4314, 0.0000, 0.7216
CMYK	0.43, 0.00, 0.72, 0.00
HSL	96°, 100%, 64%
HSV	96°, 72%, 100%
XYZ	48.5744, 77.9947, 18.4556
YIQ	201.1340, -6.4960, -80.5440

# Conversions

## Conversions Part 2

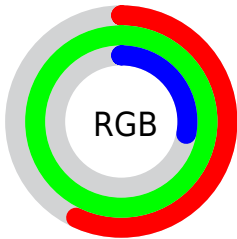
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 255, 181
Decimal	9568071
CIELab	90.78, -60.49, 73.41
CIELCh	91, 95.127, 129.488
Yxy	77.9947, 0.3349, 0.5378
Android (android.graphics.Color)	4287758151 (0xFF91FF47)
YUV	201.1340, -64.1561, -49.2295
Hunter-Lab	88.3146, -56.3728, 49.4301

# Details

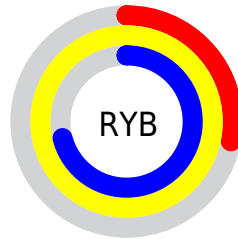
The Hex color **91FF47** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **B547FF**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **CDFF82**, and **53C500** is the 20% darker color. If you saturate the color by 10%, you get **82FF2E**, and if you desaturate by 10%, it is **A0FF61**.

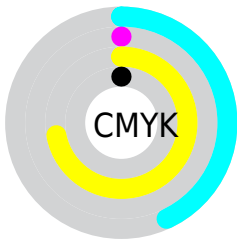
# Distribution



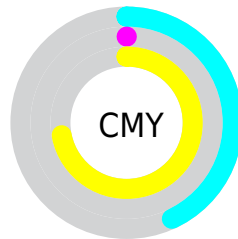
- Red (57%)
- Green (100%)
- Blue (28%)



- Red (28%)
- Yellow (100%)
- Blue (71%)



- Cyan (43%)
- Magenta (0%)
- Yellow (72%)
- Black (0%)



- Cyan (43%)
- Magenta (0%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91FF47 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 91FF47 by changing the saturation by 10% instead.



 91FF47

 91FF47

FFFFFF

 72E225


 CDFF82

 53C500

 ECFF9F

 2EA900

 FFFFBC

 008E00

 FFFFD9

 007400

 FFFFF7

 005A00

 004100

 002A00

 000500

■ 91FF47

■ 91FF47

■ 82FF2E

■ A0FF61

■ 73FF14

■ AFFF7A

■ 67FF00

■ BFFF93

■ CEFFAD

■ DDFFC7

■ ECFFE0

■ FCFFFA

FFFFFF

# Harmonies

## Analogous

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



F5EA00



91FF47



00FFA1

# Triad

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



91FF47



00FFFF



FF86CB

# Complementary

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



91FF47



B547FF

# 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.



FF95FF



91FF47



02E6FF

# Square

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



91FF47



00FFFF



FFBFFF



FFA175

# Rectangle

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



91FF47



00FFE0



FFBFFF



FF86EA

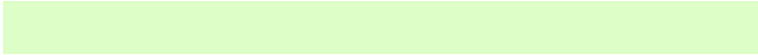


# Sweetspot

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



91FF47



DFFC7



FFB247



6C805E



000000



808080



# Same Dimension

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



91FF47



7AFF21



47FF56



788073



4DBF00



1A4000



# Inverse Universe

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



B547FF



A621FF



FF47F0



7A7380



7200BF

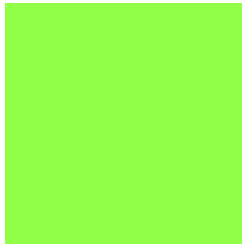


260040



# Previews

## White Background



This preview shows how the Hex color 91FF47 looks on a white background.

## Color Contrast Check

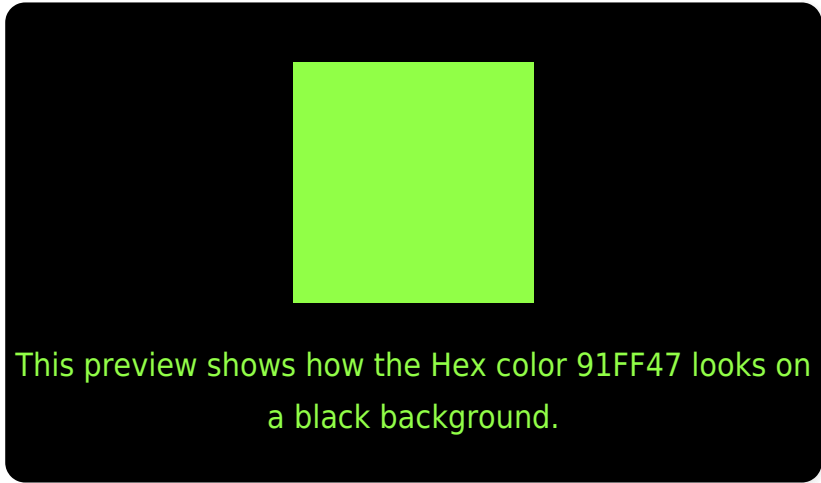
Large Text (above 18pt) WCAG AA × Fail

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

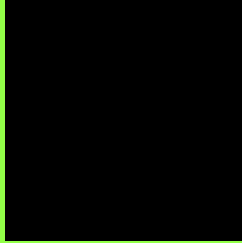
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 91FF47 Background



This preview shows how black text looks on a background with the Hex color 91FF47.

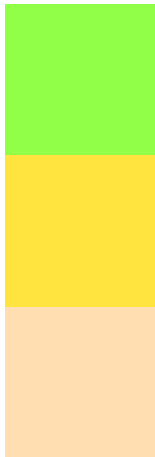


This preview shows how white text looks on a background with the Hex color 91FF47.

# 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](#).

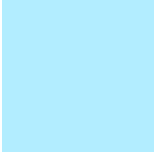
## Dichromacy



**Original Color**  
91FF47

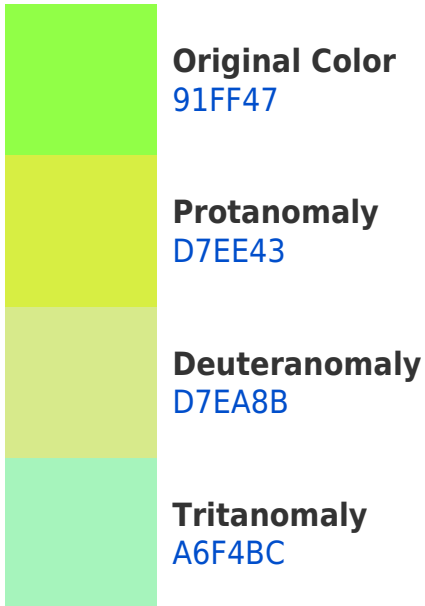
**Protanopia**  
FFE440

**Deuteranopia**  
FFDEB2

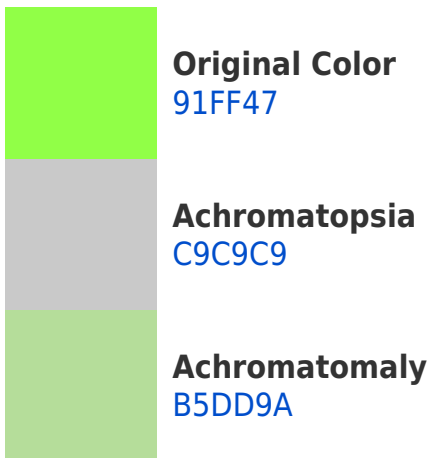


**Tritanopia**  
B2EDFF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91FF47 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 #91FF47 looks like.

```
.text, #text, p{  
    color:#91FF47  
}
```

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 #91FF47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91FF47
}
```

## Border

The CSS property to change the border of an element to Hex 91FF47 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
#91FF47 }
```

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

```
.border{ border-color:#91FF47 }
```

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

Here you see how a box with a 4 pixel #91FF47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91FF47; -webkit-box-shadow:4px 4px  
4px 4px #91FF47; box-shadow:4px 4px 4px  
4px #91FF47 }
```

# Background

The CSS property to change the background color of an element to Hex 91FF47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91FF47 }
```

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

```
.background{ background-color:#91FF47 }
```

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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