

# Converting Colors

Hex(94FB46)

Have a look what the booklet for  
Hex(94FB46) contains.

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**Color**

**Hex(94FB46)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94FB46
RGB	148, 251, 70
RGB Percent	58%, 98%, 27%
CMY	0.4196, 0.0157, 0.7255
CMYK	0.41, 0.00, 0.72, 0.02
HSL	94°, 96%, 63%
HSV	94°, 72%, 98%
XYZ	47.8154, 75.7325, 17.8920
YIQ	199.5690, -3.2870, -78.1270

# Conversions

## Conversions Part 2

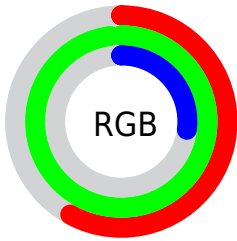
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 251, 173
Decimal	9763654
CIELab	89.73, -58.09, 72.76
CIELCh	90, 93.103, 128.606
Yxy	75.7325, 0.3381, 0.5354
Android (android.graphics.Color)	4287953734 (0xFF94FB46)
YUV	199.5690, -63.8775, -45.2260
Hunter-Lab	87.0244, -54.2162, 48.7272

# Details

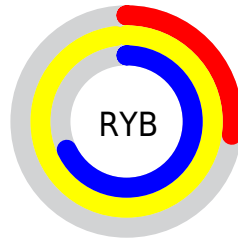
The Hex color **94FB46** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **AD46FB**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **D0FF81**, and **57C200** is the 20% darker color. If you saturate the color by 10%, you get **86FB2D**, and if you desaturate by 10%, it is **A2FB5F**.

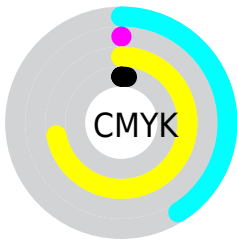
# Distribution



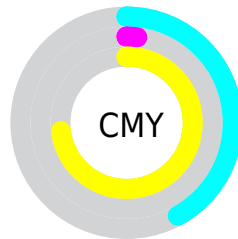
- Red (58%)
- Green (98%)
- Blue (27%)



- Red (27%)
- Yellow (98%)
- Blue (68%)



- Cyan (41%)
- Magenta (0%)
- Yellow (72%)
- Black (2%)



- Cyan (42%)
- Magenta (2%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94FB46 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 94FB46 by changing the saturation by 10% instead.



 94FB46

FFFFFF

 D0FF81

 EEFF9D

 FFFFBA

 FFFFD8

 FFFFF5

 94FB46

 76DE24

 57C200

 35A600

 008B00

 007000

 005700

 003E00

 002700

 000000

 94FB46

 94FB46

 86FB2D

 A2FB5F

 77FB14

 B1FB78

 6CFB00

 BFFB91

 CDFBAA

 DBFBC4

 EAFBDD

 F8FBF6

 FFFBFF

# Harmonies

## Analogous

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



F5E600



94FB46



00FF9D

# Triad

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



94FB46



00FCFF



FF85CC

# Complementary

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



94FB46



AD46FB

# 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



94FB46



00E4FF

# Square

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



94FB46



00FFFF



FFBEFF



FF9E77

# Rectangle

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



94FB46



00FFDB



FFBEFF



FF86EA

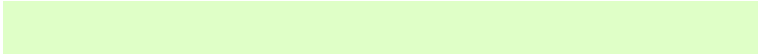


# Sweetspot

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



94FB46



DFFFC7



FBAD46



6D805E



000000



808080



# Same Dimension

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



94FB46



81FF21



46FB52



767D70



51BD00



1A3D00



# Inverse Universe

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



AD46FB



9F21FF



FB46EF



78707D



6B00BD

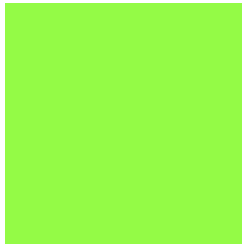


23003D



# Previews

## White Background



This preview shows how the Hex color 94FB46 looks on a white background.

## Color Contrast Check

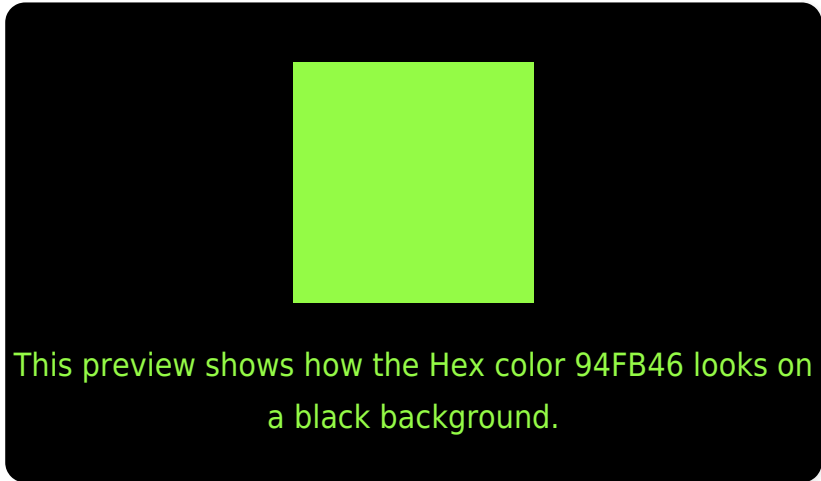
Large Text (above 18pt) WCAG AA × Fail

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

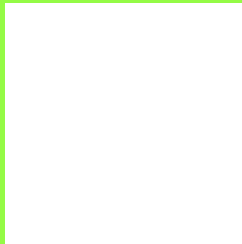
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 94FB46 Background



This preview shows how black text looks on a background with the Hex color 94FB46.

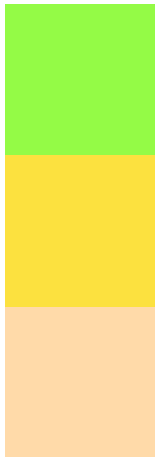


This preview shows how white text looks on a background with the Hex color 94FB46.

# 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



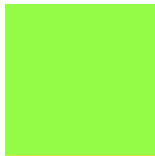
**Original Color**  
94FB46

**Protanopia**  
FCE13F

**Deuteranopia**  
FFDAA9



# Trichromacy



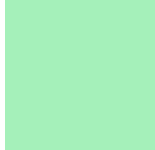
**Original Color**  
94FB46



**Protanomaly**  
D6EA42

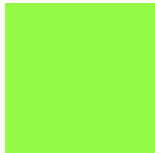


**Deuteranomaly**  
D8E685

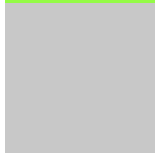


**Tritanomaly**  
A5F0BA

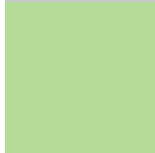
# Monochromacy



**Original Color**  
94FB46



**Achromatopsia**  
C8C8C8



**Achromatomaly**  
B5DB99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94FB46 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 #94FB46 looks like.

```
.text, #text, p{  
    color:#94FB46  
}
```

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 #94FB46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94FB46
}
```

## Border

The CSS property to change the border of an element to Hex 94FB46 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
#94FB46 }
```

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

```
.border{ border-color:#94FB46 }
```

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

Here you see how a box with a 4 pixel #94FB46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94FB46; -webkit-box-shadow:4px 4px  
4px 4px #94FB46; box-shadow:4px 4px 4px  
4px #94FB46 }
```

# Background

The CSS property to change the background color of an element to Hex 94FB46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94FB46 }
```

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

```
.background{ background-color:#94FB46 }
```

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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