

# Converting Colors

Hex(94FB6A)

Have a look what the booklet for  
Hex(94FB6A) contains.

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# Color

Hex(94FB6A)

# Conversions

## Conversions Part 1

Format	Color
Hex	94FB6A
RGB	148, 251, 106
RGB Percent	58%, 98%, 42%
CMY	0.4196, 0.0157, 0.5843
CMYK	0.41, 0.00, 0.58, 0.02
HSL	103°, 95%, 70%
HSV	103°, 58%, 98%
XYZ	49.3114, 76.3309, 25.7700
YIQ	203.6730, -14.8430, -66.9310

# Conversions

## Conversions Part 2

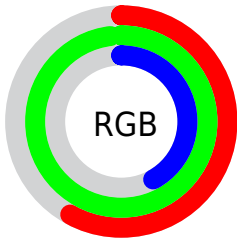
Format	Color
<a href="#">RYB</a>	<a href="#">106, 251, 209</a>
Decimal	<a href="#">9763690</a>
CIELab	<a href="#">90.01, -55.19, 59.07</a>
CIELCh	<a href="#">90, 80.836, 133.054</a>
Yxy	<a href="#">76.3309, 0.3257, 0.5041</a>
Android (android.graphics.Color)	<a href="#">4287953770</a> ( <a href="#">0xFF94FB6A</a> )
YUV	<a href="#">203.6730, -48.1528, -48.8252</a>
Hunter-Lab	<a href="#">87.3675, -52.1453, 43.6690</a>

# Details

The Hex color **94FB6A** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **D16AFB**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **CFFFA1**, and **59C232** is the 20% darker color. If you saturate the color by 10%, you get **82FB51**, and if you desaturate by 10%, it is **A6FB83**.

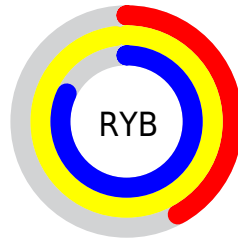
# Distribution



Red (58%)

Green (98%)

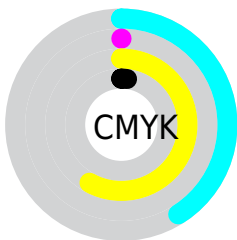
Blue (42%)



Red (42%)

Yellow (98%)

Blue (82%)

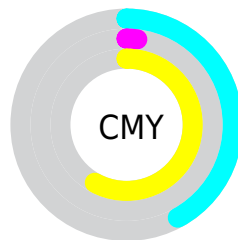


Cyan (41%)

Magenta (0%)

Yellow (58%)

Black (2%)



Cyan (42%)

Magenta (2%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94FB6A 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 94FB6A by changing the saturation by 10% instead.



 94FB6A

 94FB6A

FFFFFF

 77DE4F

 CFFFA1

 59C232

 EDFFBD

 39A60F

 FFFFDA

 098B00

 FFFFF7

 007100

 005700

 003E00

 002800

 000000

 94FB6A

 94FB6A

 82FB51

 A6FB83

 70FB38

 B8FB9C

 5FFB1F

 C9FBB5

 4DFB06

 DBFBCE

 49FB00

 EDFBE7

 FFFBFF

# Harmonies

## Analogous

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



EBE93A



94FB6A



00FFB3

# Triad

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



94FB6A



00F7FF



FF9AC4

# Complementary

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



94FB6A



D16AFB

# 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.



FFA1FF



94FB6A



8BE0FF

# Square

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



94FB6A



00FFFF



FFBFFF



FFAF7C

# Rectangle

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



94FB6A



00FFE8



FFBFFF



FF99DE

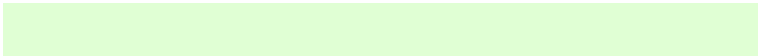


# Sweetspot

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



94FB6A



E0FFD4



FBCF6A



6D8066



000000



808080



# Same Dimension

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



94FB6A



82FF4F



6AFB87



747D70



37BD00



123D00



# Inverse Universe

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



D16AFB



CC4FFF



FB6ADE



79707D



8600BD

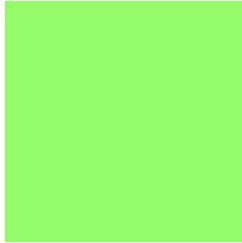


2B003D



# Previews

## White Background



This preview shows how the Hex color 94FB6A looks on a white background.

## Color Contrast Check

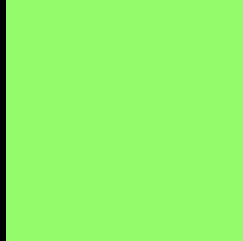
Large Text (above 18pt) WCAG AA × Fail

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 94FB6A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

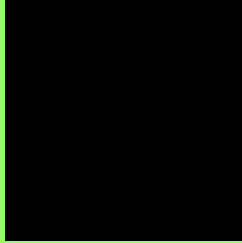
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

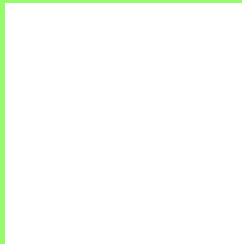
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 94FB6A Background



This preview shows how black text looks on a background with the Hex color 94FB6A.

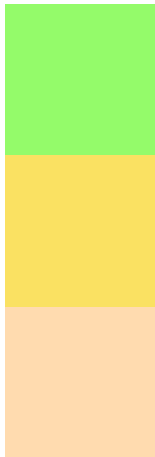


This preview shows how white text looks on a background with the Hex color 94FB6A.

# 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



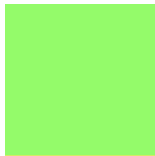
**Original Color**  
94FB6A

**Protanopia**  
FAE162

**Deuteranopia**  
FFDBAF



# Trichromacy



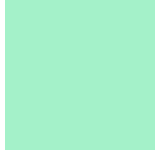
**Original Color**  
94FB6A



**Protanomaly**  
D5EA65

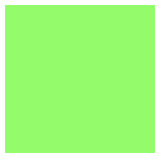


**Deuteranomaly**  
D8E796

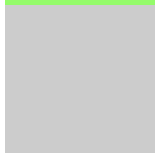


**Tritanomaly**  
A4F1C9

# Monochromacy



**Original Color**  
94FB6A



**Achromatopsia**  
CCCCCC



**Achromatomaly**  
B8DDA8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94FB6A 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 #94FB6A looks like.

```
.text, #text, p{  
    color:#94FB6A  
}
```

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 #94FB6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94FB6A
}
```

## Border

The CSS property to change the border of an element to Hex 94FB6A 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
#94FB6A }
```

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

```
.border{ border-color:#94FB6A }
```

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

Here you see how a box with a 4 pixel #94FB6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94FB6A; -webkit-box-shadow:4px 4px  
4px 4px #94FB6A; box-shadow:4px 4px 4px  
4px #94FB6A }
```

# Background

The CSS property to change the background color of an element to Hex 94FB6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94FB6A }
```

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

```
.background{ background-color:#94FB6A }
```

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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