

Converting Colors

Hex(93FB9A)

Have a look what the booklet for
Hex(93FB9A) contains.

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Color

Hex(93FB9A)

Conversions

Conversions Part 1

Format	Color
Hex	93FB9A
RGB	147, 251, 154
RGB Percent	58%, 98%, 60%
CMY	0.4235, 0.0157, 0.3961
CMYK	0.41, 0.00, 0.39, 0.02
HSL	124°, 93%, 78%
HSV	124°, 41%, 98%
XYZ	52.3625, 77.5305, 42.7769
YIQ	208.8460, -30.8470, -52.2150

Conversions

Conversions Part 2

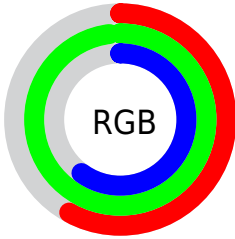
Format	Color
RYB	147, 244, 251
Decimal	9698202
CIELab	90.57, -49.45, 37.25
CIELCh	91, 61.908, 143.006
Yxy	77.5305, 0.3033, 0.4490
Android (android.graphics.Color)	4287888282 (0xFF93FB9A)
YUV	208.8460, -27.0391, -54.2389
Hunter-Lab	88.0514, -47.9393, 32.8318

Details

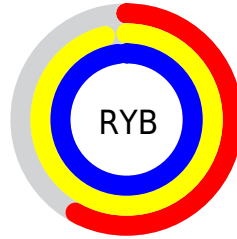
The Hex color **93FB9A** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **FB93F4**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **CDFFD1**, and **5AC266** is the 20% darker color. If you saturate the color by 10%, you get **7AFB83**, and if you desaturate by 10%, it is **ACFBB1**.

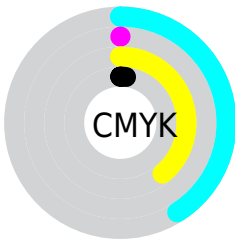
Distribution



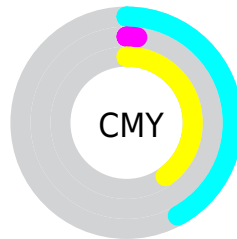
- Red (58%)
- Green (98%)
- Blue (60%)



- Red (58%)
- Yellow (96%)
- Blue (98%)



- Cyan (41%)
- Magenta (0%)
- Yellow (39%)
- Black (2%)



- Cyan (42%)
- Magenta (2%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93FB9A 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 93FB9A by changing the saturation by 10% instead.

 93FB9A

 93FB9A

FFFFFF

 76DE7F

 CDFFD1

 5AC266

 EAFEE

 3CA64C

 168B34

 00711B

 005700

 003F00

 002900

 000400

 93FB9A

 93FB9A

 7AFB83

 ACFBB1

 61FB6B

 C5FBC9

 48FB54

 DEFBE0

 2FFB3C

 F7FBF8

 16FB25

 FFFBFF

 00FB11

Harmonies

Analogous

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



DAEE72



93FB9A



00FFD4

Triad

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



93FB9A



50EEFF



FFB5B9

Complementary

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



93FB9A



FB93F4

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.



FFB3F4



93FB9A



D2DAFF

Square

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



93FB9A



00FCFF



FFC3FF



FFC687

Rectangle

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



93FB9A



00FFFD



FFC3FF



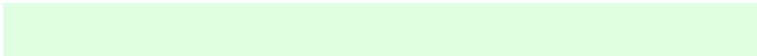
FFB3CC

Sweetspot

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



93FB9A



E0FFE2



F4FB93



6E806F



000000



808080

Same Dimension

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



93FB9A



80FF88



93FBCE



707D71



00BD0D



003D04

Inverse Universe

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



FB93F4



FF80F6



FB93C0



7D707C



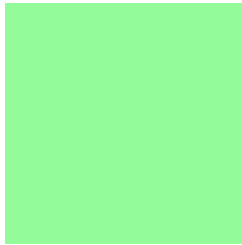
BD00B0



3D0039

Previews

White Background



This preview shows how the Hex color 93FB9A looks on a white background.

Color Contrast Check

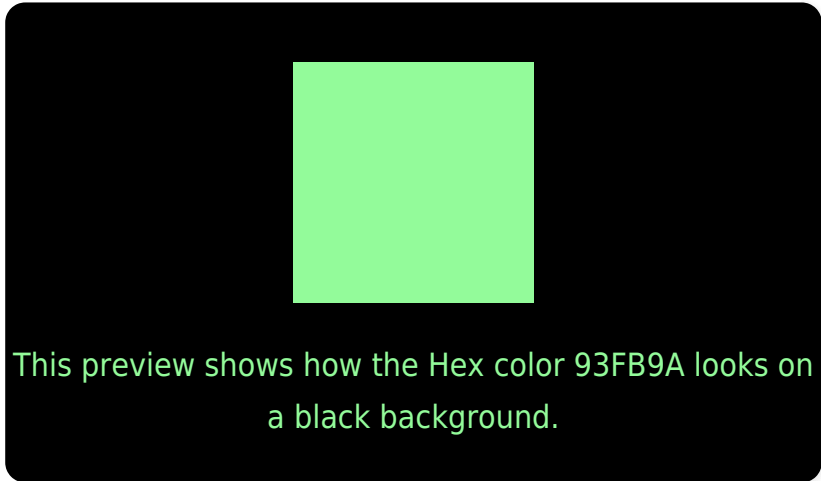
Large Text (above 18pt) WCAG AA × Fail

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

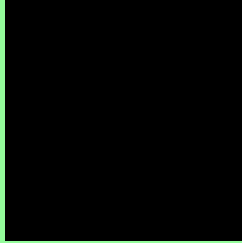
Any Text WCAG AA ✓ Pass

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 93FB9A Background



This preview shows how black text looks on a background with the Hex color 93FB9A.

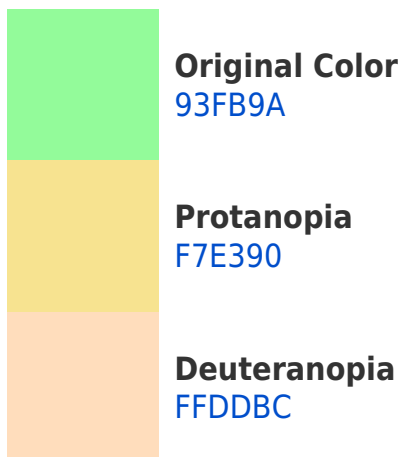


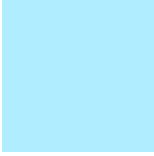
This preview shows how white text looks on a background with the Hex color 93FB9A.

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



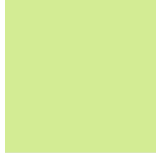


Tritanopia
AFEDFF

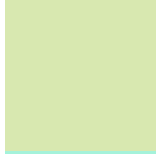
Trichromacy



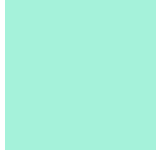
Original Color
93FB9A



Protanomaly
D3EC94

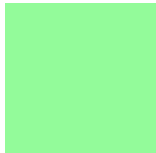


Deuteranomaly
D8E8B0

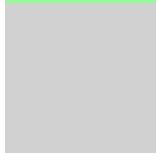


Tritanomaly
A5F2DA

Monochromacy



Original Color
93FB9A



Achromatopsia
D1D1D1



Achromatomaly
BAE0BD

CSS Examples

Text

The CSS property to change the color of the text to Hex 93FB9A 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 #93FB9A looks like.

```
.text, #text, p{  
    color:#93FB9A  
}
```

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 #93FB9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93FB9A
}
```

Border

The CSS property to change the border of an element to Hex 93FB9A 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
#93FB9A }
```

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

```
.border{ border-color:#93FB9A }
```

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

Here you see how a box with a 4 pixel #93FB9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93FB9A; -webkit-box-shadow:4px 4px  
4px 4px #93FB9A; box-shadow:4px 4px 4px  
4px #93FB9A }
```

Background

The CSS property to change the background color of an element to Hex 93FB9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93FB9A }
```

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

```
.background{ background-color:#93FB9A }
```

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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