

Converting Colors

Hex(93F5A2)

Have a look what the booklet for
Hex(93F5A2) contains.

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Color

Hex(93F5A2)

Conversions

Conversions Part 1

Format	Color
Hex	93F5A2
RGB	147, 245, 162
RGB Percent	58%, 96%, 64%
CMY	0.4235, 0.0392, 0.3647
CMYK	0.40, 0.00, 0.34, 0.04
HSL	129°, 83%, 77%
HSV	129°, 40%, 96%
XYZ	51.2066, 74.1165, 45.7895
YIQ	206.2360, -31.7650, -46.5890

Conversions

Conversions Part 2

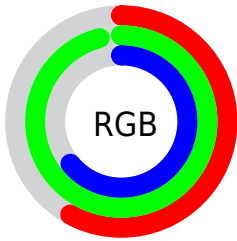
Format	Color
RYB	147, 232, 245
Decimal	9696674
CIELab	88.98, -45.64, 31.15
CIELCh	89, 55.260, 145.683
Yxy	74.1165, 0.2993, 0.4331
Android (android.graphics.Color)	4287886754 (0xFF93F5A2)
YUV	206.2360, -21.8083, -51.9500
Hunter-Lab	86.0909, -44.4879, 28.7289

Details

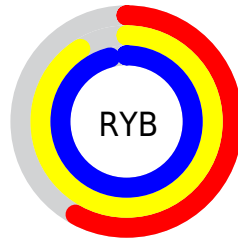
The Hex color **93F5A2** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F593E6**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **CCFFD9**, and **5BBC6E** is the 20% darker color. If you saturate the color by 10%, you get **7AF58D**, and if you desaturate by 10%, it is **ABF5B7**.

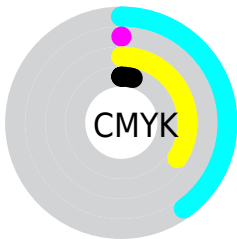
Distribution



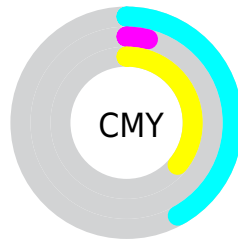
- Red (58%)
- Green (96%)
- Blue (64%)



- Red (58%)
- Yellow (91%)
- Blue (96%)



- Cyan (40%)
- Magenta (0%)
- Yellow (34%)
- Black (4%)



- Cyan (42%)
- Magenta (4%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93F5A2 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 93F5A2 by changing the saturation by 10% instead.

 93F5A2

FFFFFF

 CCFFD9

 EAFFF6

 93F5A2

 77D887

 5BBC6E

 3EA155

 1C863C

 006C25


 00530D

 003A00

 002500

 000000

 93F5A2

 93F5A2

 7AF58D

 ABF5B7

 62F578

 C4F5CB

 4AF564

 DCF5E0

 31F54F

 F5F5F5

 18F53A

 FFF5FF

 00F525

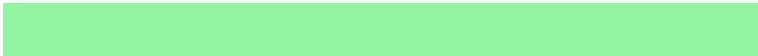
Harmonies

Analogous

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



D2EA7E



93F5A2



32FAD6

Triad

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



93F5A2



78E7FF



FFB8B5

Complementary

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



93F5A2



F593E6

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.



FFB5E9



93F5A2



D9D5FF

Square

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



93F5A2



00F4FF



FFC1FF



FFC78A

Rectangle

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



93F5A2



00FBFA



FFC1FF



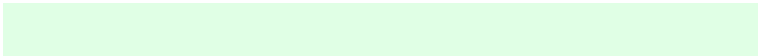
FFB5C6

Sweetspot

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



93F5A2



E0FFE5



E6F593



6E8070



000000



808080

Same Dimension

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



93F5A2



85FF97



93F5D3



6E7A70



00BA1C



003B09

Inverse Universe

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



F593E6



FF85EC



F593B5



7A6E79



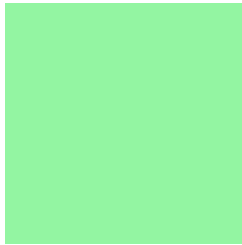
BA009E



3B0032

Previews

White Background



This preview shows how the Hex color 93F5A2 looks on a white background.

Color Contrast Check

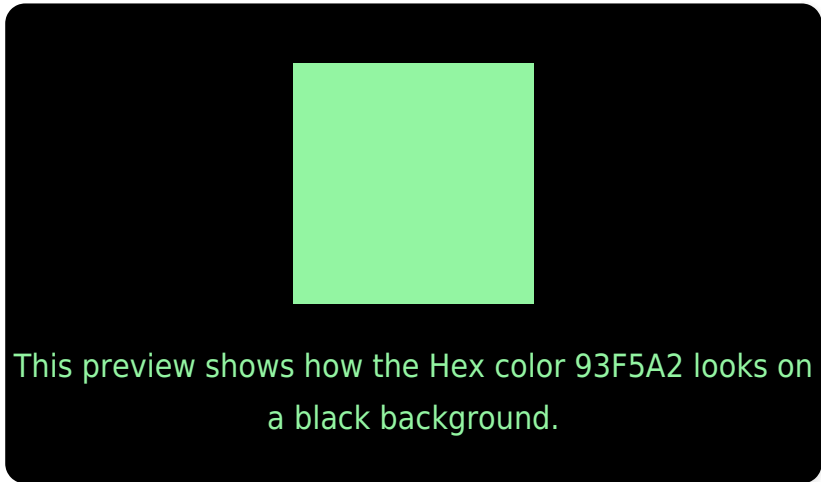
Large Text (above 18pt) WCAG AA × Fail

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

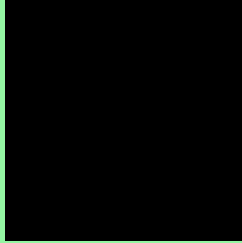
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

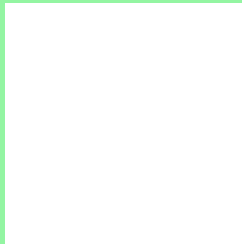
Any Text WCAG AAA ✓ Pass

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

Hex 93F5A2 Background



This preview shows how black text looks on a background with the Hex color 93F5A2.

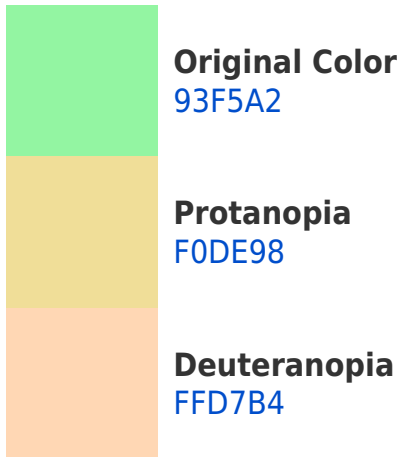


This preview shows how white text looks on a background with the Hex color 93F5A2.

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



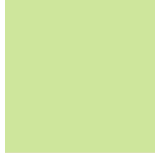


Tritanopia
A6EAFD

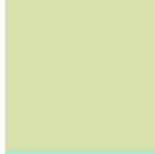
Trichromacy



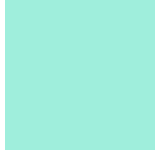
Original Color
93F5A2



Protanomaly
CEE69C



Deuteranomaly
D8E2AD

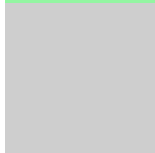


Tritanomaly
9FEEDC

Monochromacy



Original Color
93F5A2



Achromatopsia
CECECE



Achromatomaly
B9DCBE

CSS Examples

Text

The CSS property to change the color of the text to Hex 93F5A2 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 #93F5A2 looks like.

```
.text, #text, p{  
    color:#93F5A2  
}
```

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 #93F5A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93F5A2
}
```

Border

The CSS property to change the border of an element to Hex 93F5A2 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
#93F5A2 }
```

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

```
.border{ border-color:#93F5A2 }
```

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

Here you see how a box with a 4 pixel #93F5A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93F5A2; -webkit-box-shadow:4px 4px  
4px 4px #93F5A2; box-shadow:4px 4px 4px  
4px #93F5A2 }
```

Background

The CSS property to change the background color of an element to Hex 93F5A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93F5A2 }
```

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

```
.background{ background-color:#93F5A2 }
```

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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