

Converting Colors

Hex(93F8A5)

Have a look what the booklet for
Hex(93F8A5) contains.

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Color

Hex(93F8A5)

Conversions

Conversions Part 1

Format	Color
Hex	93F8A5
RGB	147, 248, 165
RGB Percent	58%, 97%, 65%
CMY	0.4235, 0.0275, 0.3529
CMYK	0.41, 0.00, 0.33, 0.03
HSL	131°, 88%, 77%
HSV	131°, 41%, 97%
XYZ	52.3916, 76.0545, 47.5160
YIQ	208.3390, -33.5530, -47.2250

Conversions

Conversions Part 2

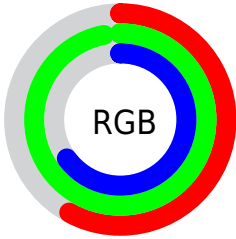
Format	Color
RYB	147, 233, 248
Decimal	9697445
CIELab	89.88, -46.44, 30.86
CIElCh	90, 55.755, 146.395
Yxy	76.0545, 0.2977, 0.4322
Android (android.graphics.Color)	4287887525 (0xFF93F8A5)
YUV	208.3390, -21.3661, -53.7943
Hunter-Lab	87.2092, -45.3810, 28.7423

Details

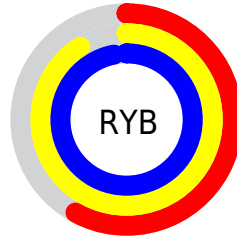
The Hex color **93F8A5** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F893E6**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **CDFFD**, and **5ABF70** is the 20% darker color. If you saturate the color by 10%, you get **7AF891**, and if you desaturate by 10%, it is **ACF8B9**.

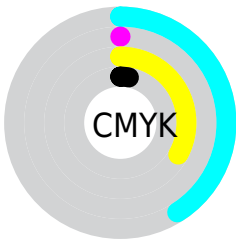
Distribution



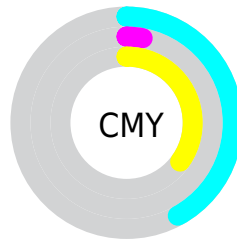
- Red (58%)
- Green (97%)
- Blue (65%)



- Red (58%)
- Yellow (91%)
- Blue (97%)



- Cyan (41%)
- Magenta (0%)
- Yellow (33%)
- Black (3%)



- Cyan (42%)
- Magenta (3%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93F8A5 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 93F8A5 by changing the saturation by 10% instead.

 93F8A5

FFFFFF

 CDFD

 EAFF9

 93F8A5

 77DB8A

 5ABF70

 3DA357

 1A883F

 006E27

 005510

 003D00

 002800

 000000

 93F8A5

 93F8A5

 7AF891

 ACF8B9

 61F87C

 C5F8CE

 49F868

 DDF8E2

 30F853

 F6F8F7

 17F83F

 FFF8FF

 00F82C

Harmonies

Analogous

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



D3ED80



93F8A5



2EFDDA

Triad

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



93F8A5



7CE9FF



FFBAB5

Complementary

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



93F8A5



F893E6

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.



FFB7EB



93F8A5



DDD7FF

Square

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



93F8A5



00F7FF



FFC3FF



FFCA8B

Rectangle

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



93F8A5



00FEFE



FFC3FF



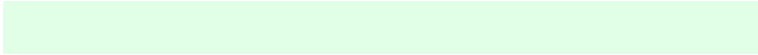
FFB7C7

Sweetspot

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



93F8A5



E0FFE6



E7F893



6E8071



000000



808080

Same Dimension

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



93F8A5



82FF98



93F8D6



707D73



00BD22



003D0B

Inverse Universe

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



F893E6



FF82E9



F893B5



7D707B



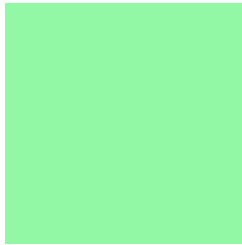
BD009B



3D0032

Previews

White Background



This preview shows how the Hex color 93F8A5 looks on a white background.

Color Contrast Check

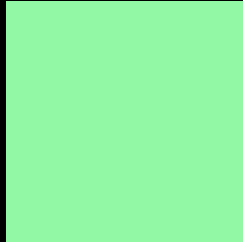
Large Text (above 18pt) WCAG AA × Fail

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 93F8A5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

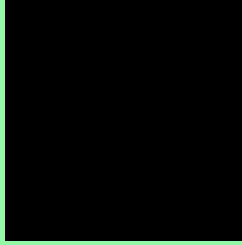
Any Text WCAG AA ✓ Pass

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 93F8A5 Background



This preview shows how black text looks on a background with the Hex color 93F8A5.

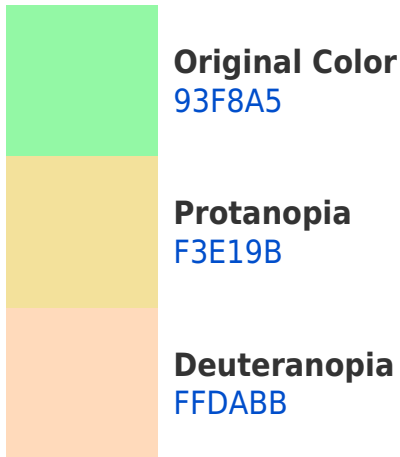


This preview shows how white text looks on a background with the Hex color 93F8A5.

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



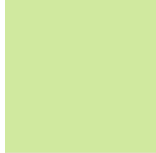


Tritanopia
A8ECFF

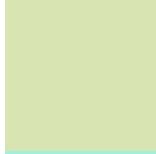
Trichromacy



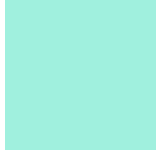
Original Color
93F8A5



Protanomaly
D0E99F

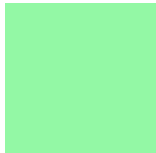


Deuteranomaly
D8E5B3

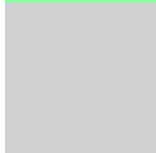


Tritanomaly
A0F0DE

Monochromacy



Original Color
93F8A5



Achromatopsia
D0D0D0



Achromatomaly
BADFC0

CSS Examples

Text

The CSS property to change the color of the text to Hex 93F8A5 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 #93F8A5 looks like.

```
.text, #text, p{  
    color:#93F8A5  
}
```

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 #93F8A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93F8A5  
}
```

Border

The CSS property to change the border of an element to Hex 93F8A5 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  
#93F8A5 }
```

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

```
.border{ border-color:#93F8A5 }
```

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

Here you see how a box with a 4 pixel #93F8A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93F8A5; -webkit-box-shadow:4px 4px  
4px 4px #93F8A5; box-shadow:4px 4px 4px  
4px #93F8A5 }
```

Background

The CSS property to change the background color of an element to Hex 93F8A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93F8A5 }
```

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

```
.background{ background-color:#93F8A5 }
```

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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