

# Converting Colors

Hex(93EB7F)

Have a look what the booklet for  
Hex(93EB7F) contains.

<b>Hex(93EB7F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(93EB7F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93EB7F
RGB	147, 235, 127
RGB Percent	58%, 92%, 50%
CMY	0.4235, 0.0784, 0.5020
CMYK	0.37, 0.00, 0.46, 0.08
HSL	109°, 73%, 71%
HSV	109°, 46%, 92%
XYZ	45.5717, 67.1520, 30.6384
YIQ	196.3760, -17.7800, -52.2440

# Conversions

## Conversions Part 2

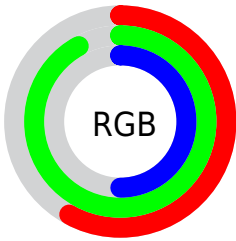
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 235, 215
Decimal	9694079
CIELab	85.58, -46.51, 44.08
CIELCh	86, 64.078, 136.534
Yxy	67.1520, 0.3179, 0.4684
Android (android.graphics.Color)	4287884159 (0xFF93EB7F)
YUV	196.3760, -34.2024, -43.3028
Hunter-Lab	81.9463, -44.1393, 35.1948

# Details

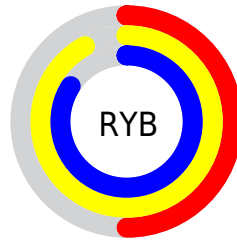
The Hex color **93EB7F** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **D77FEB**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **CCFFB5**, and **5BB34B** is the 20% darker color. If you saturate the color by 10%, you get **80EB68**, and if you desaturate by 10%, it is **A6EB97**.

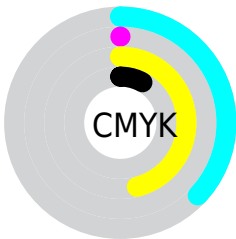
# Distribution



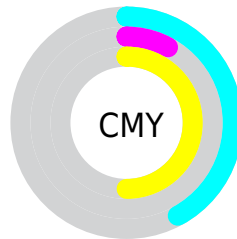
- Red (58%)
- Green (92%)
- Blue (50%)



- Red (50%)
- Yellow (92%)
- Blue (84%)



- Cyan (37%)
- Magenta (0%)
- Yellow (46%)
- Black (8%)



- Cyan (42%)
- Magenta (8%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93EB7F 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 93EB7F by changing the saturation by 10% instead.



 93EB7F

FFFFFF

 CCFFB5

 EAFFD1

 FFFFEE

 93EB7F

 77CE65

 5BB34B

 3E9732

 1D7D17

 006300

 004A00

 003300

 001C00

 000000

 93EB7F

 93EB7F

 80EB68

 A6EB97

 6DEB50

 B9EBAE

 5AEB38

 CCEBC6

 46EB21

 E0EBDD

 33EB0A

 F3EBF4

 2CEB00

 FFEbff

# Harmonies

## Analogous

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



D8DD5C



93EB7F



00F3B8

# Triad

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



93EB7F



00E4FF



FFA3B7

# Complementary

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



93EB7F



D77FEB

# Split Complementary

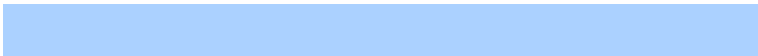
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA5F4



93EB7F



ABD1FF

# Square

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



93EB7F



00F0FF



FFB8FF



FFB280

# Rectangle

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



93EB7F



00F4E2



FFB8FF



FFA1CB

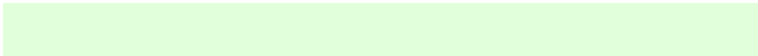


# Sweetspot

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



93EB7F



E2FFDB



EBD57F



6E806A



000000



808080



# Same Dimension

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



93EB7F



8DFF73



7FEB9F



6C756A



22B500



0A3600



# Inverse Universe

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



D77FEB



E573FF



EB7FCB



736A75



9400B5



2C0036



# Previews

## White Background



This preview shows how the Hex color 93EB7F looks on a white background.

## Color Contrast Check

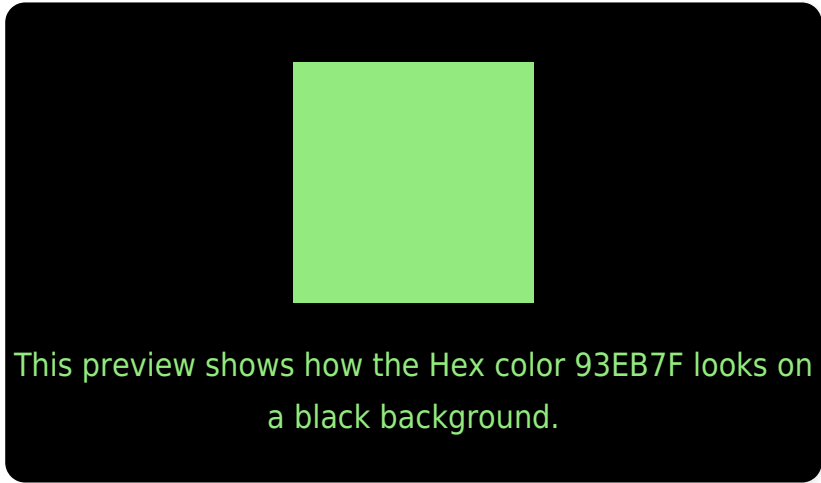
Large Text (above 18pt) WCAG AA × Fail

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

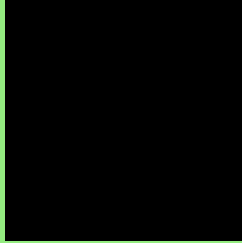
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 93EB7F Background



This preview shows how black text looks on a background with the Hex color 93EB7F.

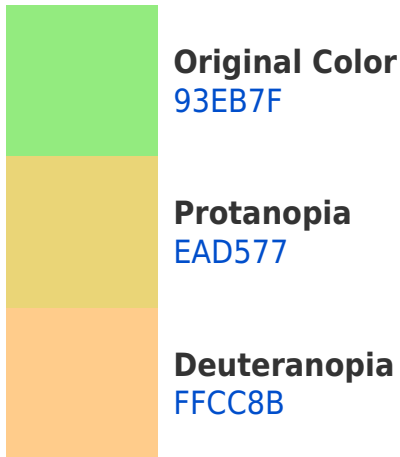


This preview shows how white text looks on a background with the Hex color 93EB7F.

# 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](#).

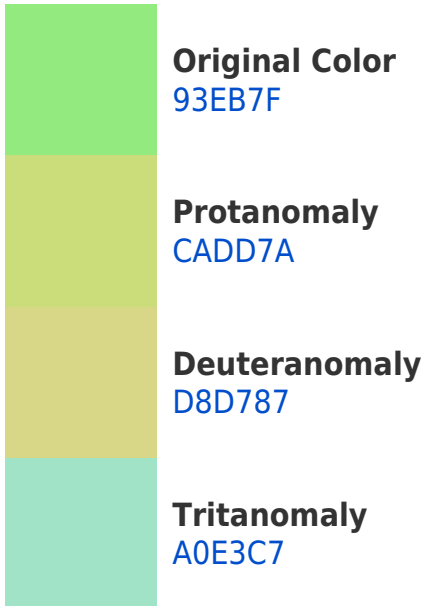
## Dichromacy



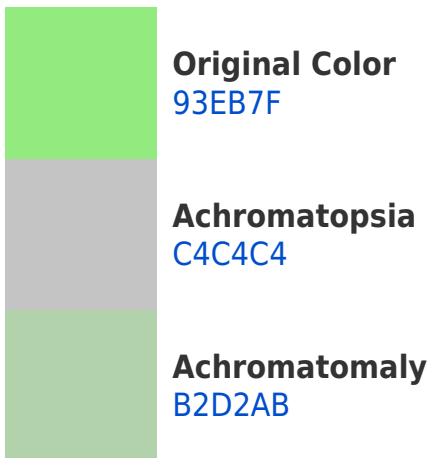


**Tritanopia**  
A7DEF0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93EB7F 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 #93EB7F looks like.

```
.text, #text, p{  
    color:#93EB7F  
}
```

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 #93EB7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93EB7F
}
```

## Border

The CSS property to change the border of an element to Hex 93EB7F 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
#93EB7F }
```

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

```
.border{ border-color:#93EB7F }
```

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

Here you see how a box with a 4 pixel #93EB7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93EB7F; -webkit-box-shadow:4px 4px  
4px 4px #93EB7F; box-shadow:4px 4px 4px  
4px #93EB7F }
```

# Background

The CSS property to change the background color of an element to Hex 93EB7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93EB7F }
```

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

```
.background{ background-color:#93EB7F }
```

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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