

# Converting Colors

Hex(95EFB3)

Have a look what the booklet for  
Hex(95EFB3) contains.

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# **Color**

**Hex(95EFB3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95EFB3
RGB	149, 239, 179
RGB Percent	58%, 94%, 70%
CMY	0.4157, 0.0627, 0.2980
CMYK	0.38, 0.00, 0.25, 0.06
HSL	140°, 74%, 76%
HSV	140°, 38%, 94%
XYZ	51.3976, 71.3772, 53.7161
YIQ	205.2500, -34.3800, -37.7400

# Conversions

## Conversions Part 2

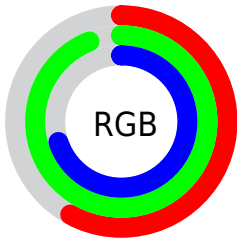
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">149, 217, 239</a>
Decimal	<a href="#">9826227</a>
CIELab	<a href="#">87.67, -39.49, 20.71</a>
CIELCh	<a href="#">88, 44.590, 152.331</a>
Yxy	<a href="#">71.3772, 0.2912, 0.4044</a>
Android (android.graphics.Color)	<a href="#">4288016307 (0xFF95EFB3)</a>
YUV	<a href="#">205.2500, -12.9412, -49.3312</a>
Hunter-Lab	<a href="#">84.4851, -39.2560, 21.4426</a>

# Details

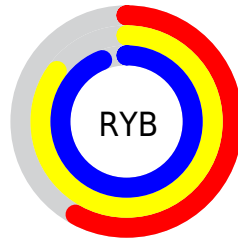
The Hex color **95EFB3** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EF95D1**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **CEFFEB**, and **5EB67E** is the 20% darker color. If you saturate the color by 10%, you get **7DEFA3**, and if you desaturate by 10%, it is **ADEF3C**.

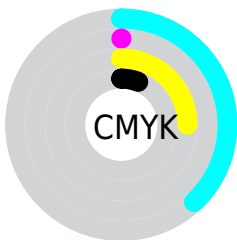
# Distribution



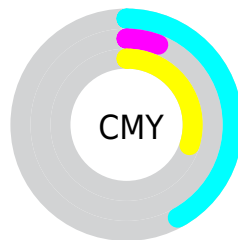
- Red (58%)
- Green (94%)
- Blue (70%)



- Red (58%)
- Yellow (85%)
- Blue (94%)



- Cyan (38%)
- Magenta (0%)
- Yellow (25%)
- Black (6%)



- Cyan (42%)
- Magenta (6%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95EFB3 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 95EFB3 by changing the saturation by 10% instead.



 95EFB3

FFFFFF

 CEFFEB

 EBFFFF

 95EFB3

 79D298

 5EB67E


 429B65

 24814D

 006735

 004E1F

 003609

 002200

 000000

 95EFB3

 95EFB3

 7DEFA3

 ADEFC3

 65EF93

 C5EFD3

 4DEF83

 DDEFE3

 35EF73

 F5EFF3

 1EEF63

 FFEFFF

 06EF53

 00EF50

# Harmonies

## Analogous

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



C8E793



95EFB3



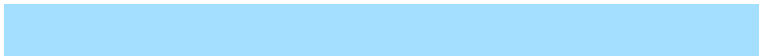
5CF3DE

# Triad

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



95EFB3



A4DFFF



FFBFB1

# Complementary

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



95EFB3



EF95D1

# 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.



FFBBDA



95EFB3



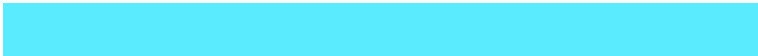
E5D0FF

# Square

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



95EFB3



5BEBFF



FFC1FF



FFCC92

# Rectangle

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



95EFB3



37F2FB



FFC1FF



FFBDBE



# Sweetspot

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



95EFB3



E3FFEC



D1EF95



6F8074



000000



808080



# Same Dimension

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



95EFB3



8CFFB2



95EFDE



6C7870



00B83D



003813



# Inverse Universe

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



EF95D1



FF8CD9



EF95A4



786C74



B8007A

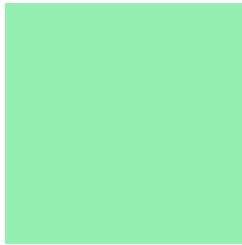


380025



# Previews

## White Background



This preview shows how the Hex color 95EFB3 looks on a white background.

## Color Contrast Check

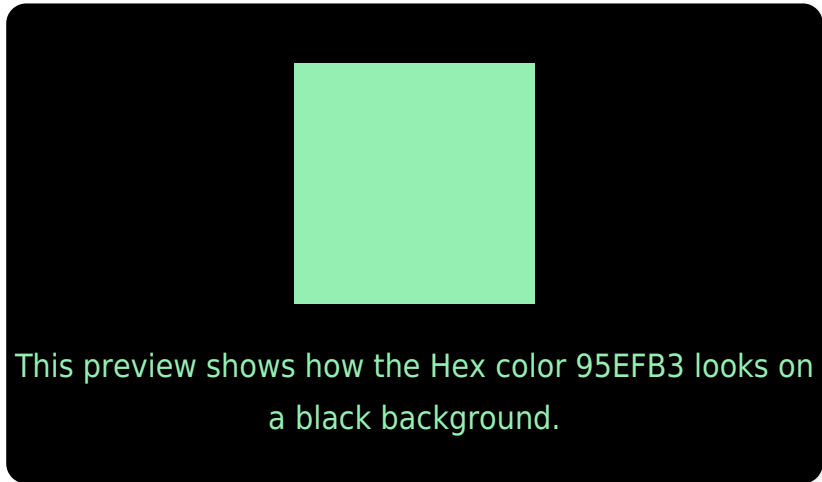
Large Text (above 18pt) WCAG AA × Fail

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

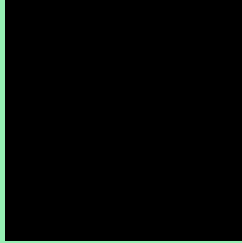
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 95EFB3 Background



This preview shows how black text looks on a background with the Hex color 95EFB3.

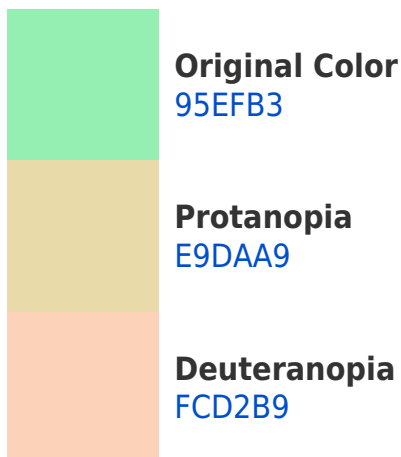


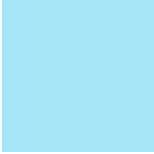
This preview shows how white text looks on a background with the Hex color 95EFB3.

# 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



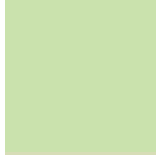


**Tritanopia**  
A4E6F8

# Trichromacy



**Original Color**  
95EFB3



**Protanomaly**  
CAE2AD



**Deuteranomaly**  
D7DDB7



**Tritanomaly**  
9FE9DF

# Monochromacy



**Original Color**  
95EFB3



**Achromatopsia**  
CDCDCD



**Achromatomaly**  
B9D9C4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95EFB3 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 #95EFB3 looks like.

```
.text, #text, p{  
    color:#95EFB3  
}
```

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 #95EFB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95EFB3  
}
```

## Border

The CSS property to change the border of an element to Hex 95EFB3 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  
#95EFB3 }
```

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

```
.border{ border-color:#95EFB3 }
```

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

Here you see how a box with a 4 pixel #95EFB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95EFB3; -webkit-box-shadow:4px 4px  
4px 4px #95EFB3; box-shadow:4px 4px 4px  
4px #95EFB3 }
```

# Background

The CSS property to change the background color of an element to Hex 95EFB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95EFB3 }
```

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

```
.background{ background-color:#95EFB3 }
```

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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