

Converting Colors

Hex(93E78D)

Have a look what the booklet for
Hex(93E78D) contains.

Hex(93E78D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(93E78D)

Conversions

Conversions Part 1

Format	Color
Hex	93E78D
RGB	147, 231, 141
RGB Percent	58%, 91%, 55%
CMY	0.4235, 0.0941, 0.4471
CMYK	0.36, 0.00, 0.39, 0.09
HSL	116°, 65%, 73%
HSV	116°, 39%, 91%
XYZ	45.4163, 65.2780, 35.4055
YIQ	195.6240, -21.1740, -45.7980

Conversions

Conversions Part 2

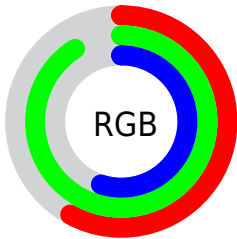
Format	Color
RYB	141, 231, 225
Decimal	9693069
CIELab	84.63, -42.84, 35.96
CIELCh	85, 55.934, 139.987
Yxy	65.2780, 0.3109, 0.4468
Android (android.graphics.Color)	4287883149 (0xFF93E78D)
YUV	195.6240, -26.9296, -42.6432
Hunter-Lab	80.7948, -41.0527, 30.5745

Details

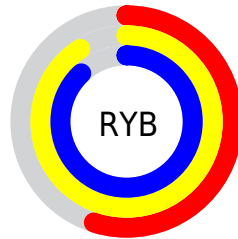
The Hex color **93E78D** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E18DE7**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **CCFFC3**, and **5CAF59** is the 20% darker color. If you saturate the color by 10%, you get **7DE776**, and if you desaturate by 10%, it is **A9E7A4**.

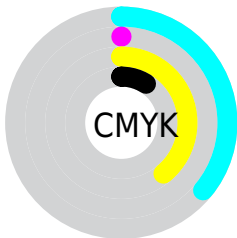
Distribution



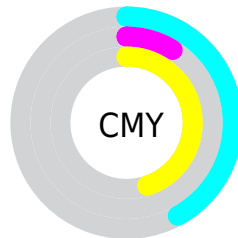
- Red (58%)
- Green (91%)
- Blue (55%)



- Red (55%)
- Yellow (91%)
- Blue (88%)



- Cyan (36%)
- Magenta (0%)
- Yellow (39%)
- Black (9%)



- Cyan (42%)
- Magenta (9%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93E78D 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 93E78D by changing the saturation by 10% instead.

 93E78D

 93E78D

FFFFFF

 77CB73

 CCFFC3

 5CAF59

 E9FFE0

 409441

FFFFFFD

 227928

 00600F

 004700

 003000

 001900

 000000

 93E78D

 93E78D

 7DE776

 A9E7A4

 68E75F

 BEE7BB

 52E748

 D4E7D2

 3DE731

 E9E7E9

 27E71A

 FFE7FF

 12E702

 0FE700

Harmonies

Analogous

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



D0DB6C



93E78D



35EDBF

Triad

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



93E78D



48DEFF



FFA9B2

Complementary

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



93E78D



E18DE7

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.



FFA9E7



93E78D



BCCCFF

Square

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



93E78D



00E9FF



FFB8FF



FFB784

Rectangle

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



93E78D



00EFE4



FFB8FF



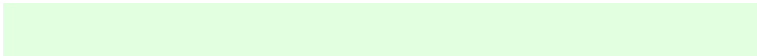
FFA7C3

Sweetspot

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



93E78D



E2FFE0



E7E18D



6F806E



000000



808080

Same Dimension

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



93E78D



8FFF87



8DE7B4



687367



0CB300



033300

Inverse Universe

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



E18DE7



F787FF



E78DC0



726773



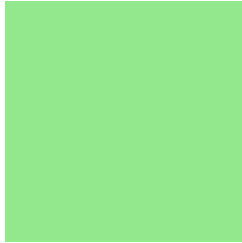
A700B3



300033

Previews

White Background



This preview shows how the Hex color 93E78D 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 93E78D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

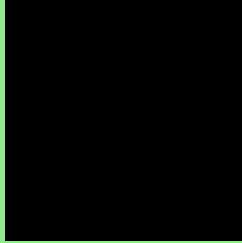
Any Text WCAG AA ✓ Pass

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 93E78D Background



This preview shows how black text looks on a background with the Hex color 93E78D.

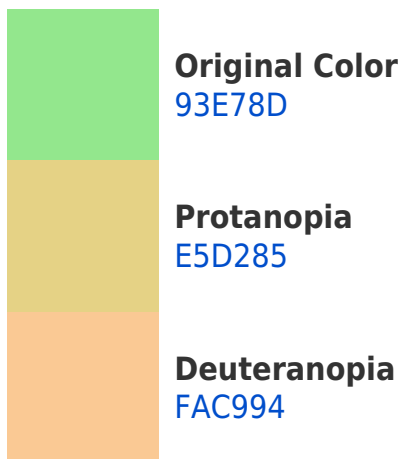


This preview shows how white text looks on a background with the Hex color 93E78D.

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](#).

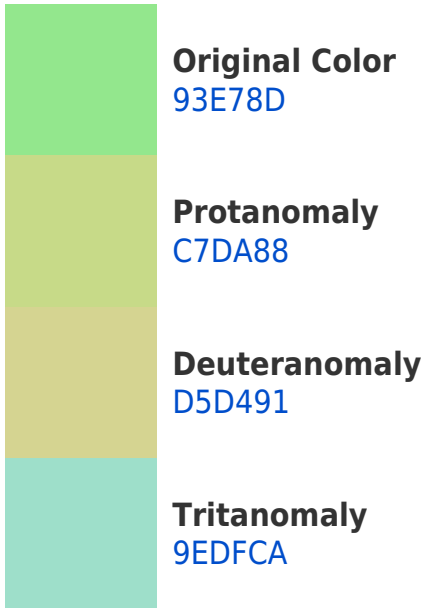
Dichromacy



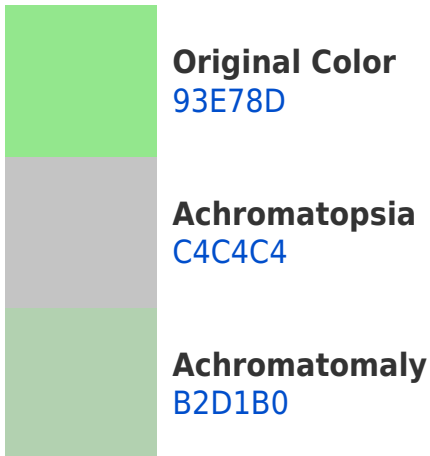


Tritanopia
A5DBED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93E78D 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 #93E78D looks like.

```
.text, #text, p{  
    color:#93E78D  
}
```

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 #93E78D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93E78D
}
```

Border

The CSS property to change the border of an element to Hex 93E78D 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
#93E78D }
```

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

```
.border{ border-color:#93E78D }
```

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

Here you see how a box with a 4 pixel #93E78D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93E78D; -webkit-box-shadow:4px 4px  
4px 4px #93E78D; box-shadow:4px 4px 4px  
4px #93E78D }
```

Background

The CSS property to change the background color of an element to Hex 93E78D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93E78D }
```

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

```
.background{ background-color:#93E78D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor