

# Converting Colors

Hex(93DE8F)

Have a look what the booklet for  
Hex(93DE8F) contains.

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**Color**

**Hex(93DE8F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	93DE8F
RGB	147, 222, 143
RGB Percent	58%, 87%, 56%
CMY	0.4235, 0.1294, 0.4392
CMYK	0.34, 0.00, 0.36, 0.13
HSL	117°, 54%, 72%
HSV	117°, 36%, 87%
XYZ	43.1118, 60.4288, 35.3783
YIQ	190.5690, -19.3410, -40.4690

# Conversions

## Conversions Part 2

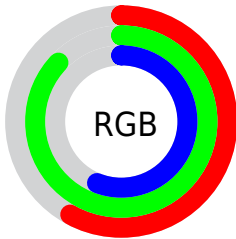
<b>Format</b>	<b>Color</b>
<b>RYB</b>	143, 222, 218
Decimal	9690767
CIELab	82.07, -38.55, 31.59
CIELCh	82, 49.841, 140.665
Yxy	60.4288, 0.3103, 0.4350
Android (android.graphics.Color)	4287880847 (0xFF93DE8F)
YUV	190.5690, -23.4515, -38.2100
Hunter-Lab	77.7359, -37.0430, 27.4318

# Details

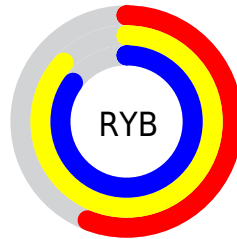
The Hex color **93DE8F** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **DA8FDE**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **CBFFC5**, and **5DA65C** is the 20% darker color. If you saturate the color by 10%, you get **7EDE79**, and if you desaturate by 10%, it is **A8DEA5**.

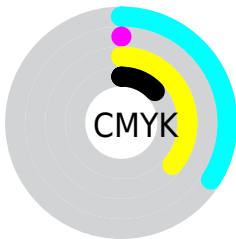
# Distribution



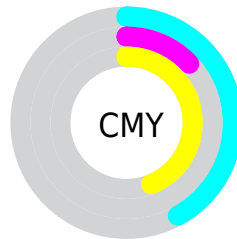
- Red (58%)
- Green (87%)
- Blue (56%)



- Red (56%)
- Yellow (87%)
- Blue (85%)



- Cyan (34%)
- Magenta (0%)
- Yellow (36%)
- Black (13%)



- Cyan (42%)
- Magenta (13%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93DE8F 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 93DE8F by changing the saturation by 10% instead.



 93DE8F

 93DE8F

FFFFFF

 78C275

 CBFFC5

 5DA65C

 E8FFE2

 428C43

FFFFFFE

 26722C

 005914

 004000

 002A00

 000E00

 000000

 93DE8F

 93DE8F

 7EDE79

 A8DEA5

 69DE63

 BDDEBB

 54DE4C

 D2DED2

 3FDE36

 E7DEE8

 2ADE20

 FCDFE

 15DE0A

 FFDEFF

 0BDE00

# Harmonies

## Analogous

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



C9D372



93DE8F



4CE4BB

# Triad

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



93DE8F



62D5FF



FFA8AE

# Complementary

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



93DE8F



DA8FDE

# 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.



FFA8DD



93DE8F



BAC5FF

# Square

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



93DE8F



00E0FF



F8B4FF



FFB485

# Rectangle

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



93DE8F



00E5DC



F8B4FF



FFA6BD

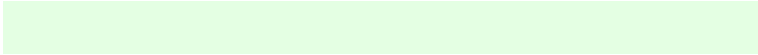


# Sweetspot

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



93DE8F



E4FFE3



DED98F



70806F



000000



808080

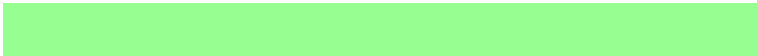


# Same Dimension

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



93DE8F



97FF91



8FDEB1



667065



09B000



023000



# Inverse Universe

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



DA8FDE



F991FF



DE8FBC



706570



A700B0

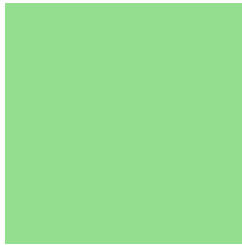


2E0030



# Previews

## White Background



This preview shows how the Hex color 93DE8F 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 93DE8F 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 93DE8F Background



This preview shows how black text looks on a background with the Hex color 93DE8F.

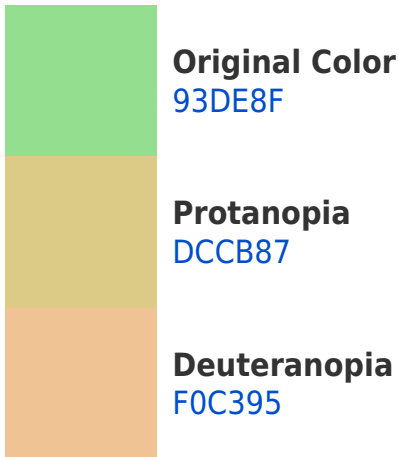


This preview shows how white text looks on a background with the Hex color 93DE8F.

# 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](#).

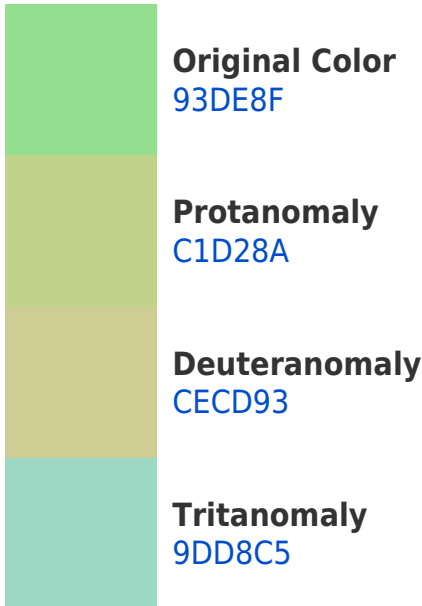
## Dichromacy



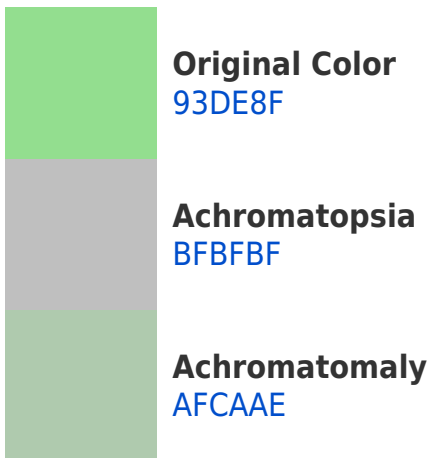


**Tritanopia**  
A3D4E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93DE8F 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 #93DE8F looks like.

```
.text, #text, p{  
    color:#93DE8F  
}
```

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 #93DE8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93DE8F
}
```

## Border

The CSS property to change the border of an element to Hex 93DE8F 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
#93DE8F }
```

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

```
.border{ border-color:#93DE8F }
```

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

Here you see how a box with a 4 pixel #93DE8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93DE8F; -webkit-box-shadow:4px 4px  
4px 4px #93DE8F; box-shadow:4px 4px 4px  
4px #93DE8F }
```

# Background

The CSS property to change the background color of an element to Hex 93DE8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93DE8F }
```

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

```
.background{ background-color:#93DE8F }
```

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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