

# Converting Colors

Hex(98EFDE)

Have a look what the booklet for  
Hex(98EFDE) contains.

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# **Color**

**Hex(98EFDE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98EFDE
RGB	152, 239, 222
RGB Percent	60%, 94%, 87%
CMY	0.4039, 0.0627, 0.1294
CMYK	0.36, 0.00, 0.07, 0.06
HSL	168°, 73%, 77%
HSV	168°, 36%, 94%
XYZ	57.0002, 73.6823, 80.3251
YIQ	211.0490, -46.3950, -23.7310

# Conversions

## Conversions Part 2

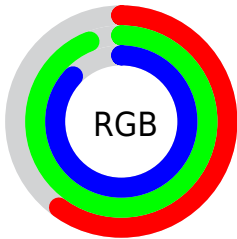
Format	Color
<a href="#">RYB</a>	<a href="#">152, 200, 239</a>
Decimal	<a href="#">10022878</a>
CIELab	<a href="#">88.77, -29.96, -0.07</a>
CIELCh	<a href="#">89, 29.957, 180.140</a>
Yxy	<a href="#">73.6823, 0.2701, 0.3492</a>
Android (android.graphics.Color)	<a href="#">4288212958</a> ( <a href="#">0xFF98EFDE</a> )
YUV	<a href="#">211.0490, 5.3988, -51.7860</a>
Hunter-Lab	<a href="#">85.8384, -31.6859, 4.6050</a>

# Details

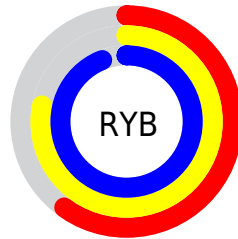
The Hex color **98EFDE** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EF98A9**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **D1FFFF**, and **60B7A7** is the 20% darker color. If you saturate the color by 10%, you get **80EFD9**, and if you desaturate by 10%, it is **B0EFE3**.

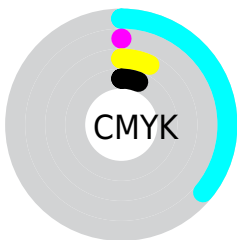
# Distribution



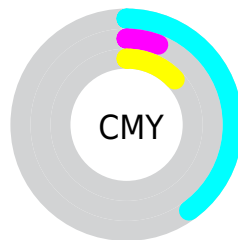
- Red (60%)
- Green (94%)
- Blue (87%)



- Red (60%)
- Yellow (78%)
- Blue (94%)



- Cyan (36%)
- Magenta (0%)
- Yellow (7%)
- Black (6%)



- Cyan (40%)
- Magenta (6%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98EFDE 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 98EFDE by changing the saturation by 10% instead.



 98EFDE

 98EFDE

FFFFFF

 7CD3C2

 D1FFFF

 60B7A7

 EEEFFF

 449C8D

 268173

 00685B

 004F43

 00382D

 002318

 000000

 98EFDE

 98EFDE

 80EFD9

 B0EFE3

 68EFD5

 C8EFE7

 50EFD0

 E0EFEC

 38EFCB

 F8EFF1

 21EFC7

 FFEFF5

 09EFC2

 FFEFFA

 00EFC0

 FFEFFF

# Harmonies

## Analogous

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



B4ECC2



98EFDE



8BEEFB

# Triad

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



98EFDE



E4D8FF



FFD4AE

# Complementary

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



98EFDE



EF98A9

# 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.



FFCC4



98EFDE



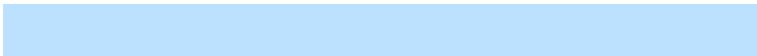
FFCFFC

# Square

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



98EFDE



BCE1FF



FFCAE0



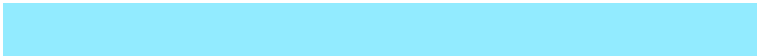
F4DDA6

# Rectangle

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



98EFDE



92EBFF



FFCAE0



FFD1B4



# Sweetspot

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



98EFDE



E3FFFA



A9EF98



6F807C



000000



808080



# Same Dimension

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



98EFDE



8FFFE9



98D5EF



6C7876



00B894



00382D



# Inverse Universe

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



EF98A9



FF8FA5



EFB298



786C6E



B80024

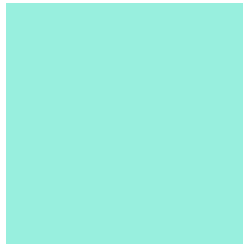


38000B



# Previews

## White Background



This preview shows how the Hex color 98EFDE looks on a white background.

## Color Contrast Check

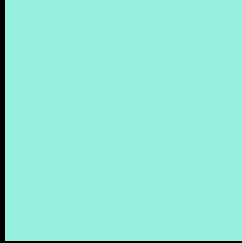
Large Text (above 18pt) WCAG AA × Fail

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 98EFDE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

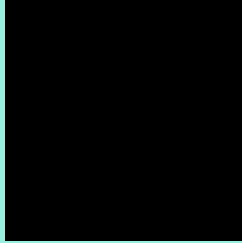
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 98EFDE Background



This preview shows how black text looks on a background with the Hex color 98EFDE.

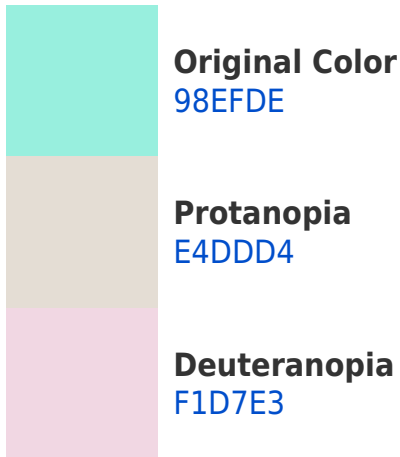


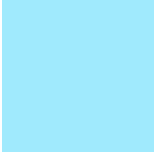
This preview shows how white text looks on a background with the Hex color 98EFDE.

# 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



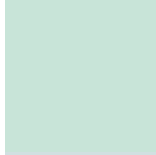


**Tritanopia**  
A0EAFD

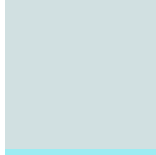
# Trichromacy



**Original Color**  
98EFDE



**Protanomaly**  
C8E4D8



**Deuteranomaly**  
D1E0E1

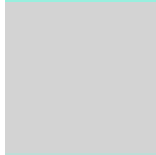


**Tritanomaly**  
9DECF2

# Monochromacy



**Original Color**  
98EFDE



**Achromatopsia**  
D3D3D3



**Achromatomaly**  
BEDDD7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98EFDE 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 #98EFDE looks like.

```
.text, #text, p{  
    color:#98EFDE  
}
```

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 #98EFDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98EFDE
}
```

## Border

The CSS property to change the border of an element to Hex 98EFDE 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
#98EFDE }
```

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

```
.border{ border-color:#98EFDE }
```

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

Here you see how a box with a 4 pixel #98EFDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98EFDE; -webkit-box-shadow:4px 4px  
4px 4px #98EFDE; box-shadow:4px 4px 4px  
4px #98EFDE }
```

# Background

The CSS property to change the background color of an element to Hex 98EFDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98EFDE }
```

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

```
.background{ background-color:#98EFDE }
```

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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