

# Converting Colors

Hex(9EE8D5)

Have a look what the booklet for  
Hex(9EE8D5) contains.

<b>Hex(9EE8D5)</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(9EE8D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EE8D5
RGB	158, 232, 213
RGB Percent	62%, 91%, 84%
CMY	0.3804, 0.0902, 0.1647
CMYK	0.32, 0.00, 0.08, 0.09
HSL	165°, 62%, 76%
HSV	165°, 32%, 91%
XYZ	54.9674, 69.7864, 73.5238
YIQ	207.7080, -38.0050, -21.5970

# Conversions

## Conversions Part 2

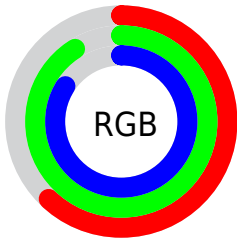
Format	Color
<b>RYB</b>	158, 200, 232
Decimal	10414293
CIELab	86.89, -26.93, 1.94
CIELCh	87, 26.995, 175.886
Yxy	69.7864, 0.2772, 0.3520
Android (android.graphics.Color)	4288604373 (0xFF9EE8D5)
YUV	207.7080, 2.6090, -43.5939
Hunter-Lab	83.5383, -28.7406, 6.2944

# Details

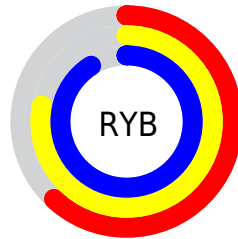
The Hex color **9EE8D5** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E89EB1**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **D7FFFF**, and **68B09E** is the 20% darker color. If you saturate the color by 10%, you get **87E8CF**, and if you desaturate by 10%, it is **B5E8DB**.

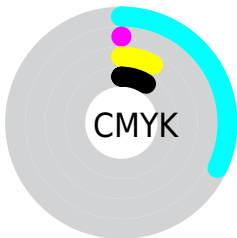
# Distribution



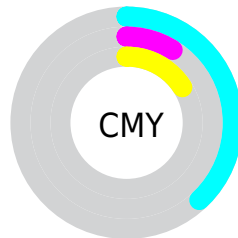
- Red (62%)
- Green (91%)
- Blue (84%)



- Red (62%)
- Yellow (78%)
- Blue (91%)



- Cyan (32%)
- Magenta (0%)
- Yellow (8%)
- Black (9%)



- Cyan (38%)
- Magenta (9%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EE8D5 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 9EE8D5 by changing the saturation by 10% instead.



 9EE8D5

 9EE8D5

FFFFFF

 83CCB9

 D7FFFF

 68B09E

 F4FFFF

 4D9584

 327B6B

 136253

 004A3C

 003326

 001F12

 000000

 9EE8D5

 9EE8D5

 87E8CF

 B5E8DB

 70E8C9

 CCE8E1

 58E8C3

 E4E8E7

 41E8BD

 FBE8ED

 2AE8B7

 FFE8F3

 13E8B1

 FFE8F9

 00E8AC

 FFE8FF

# Harmonies

## Analogous

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



B8E5BC



9EE8D5



91E8EF

# Triad

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



9EE8D5



D9D4FF



FFCEB0

# Complementary

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



9EE8D5



E89EB1

# 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.



FFC8C4



9EE8D5



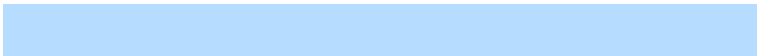
F7CCF7

# Square

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



9EE8D5



B6DDFF



FFC8DE



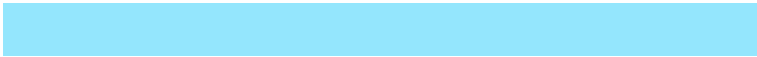
F0D7A7

# Rectangle

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



9EE8D5



94E6FD



FFC8DE



FFCCB6



# Sweetspot

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



9EE8D5



E6FFF8



B2E89E



70807C



000000



808080

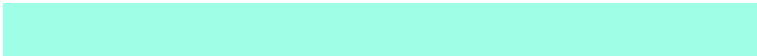


# Same Dimension

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



9EE8D5



9EFFE6



9ED7E8



677370



00B385



003326



# Inverse Universe

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



E89EB1



FF9EB7



E8AF9E



73676A



B3002E

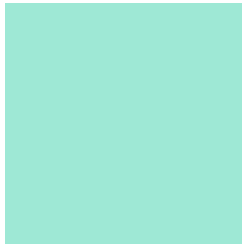


33000D



# Previews

## White Background



This preview shows how the Hex color 9EE8D5 looks on a white background.

## Color Contrast Check

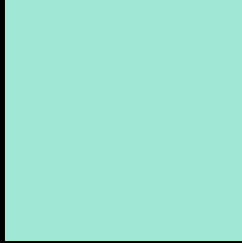
Large Text (above 18pt) WCAG AA × Fail

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 9EE8D5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

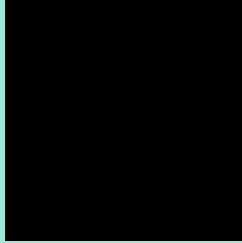
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

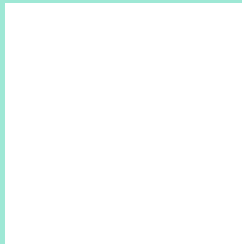
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9EE8D5 Background



This preview shows how black text looks on a background with the Hex color 9EE8D5.

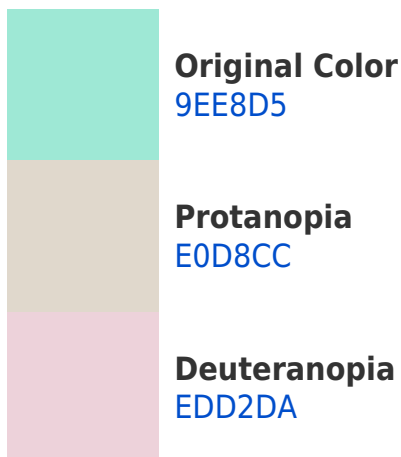


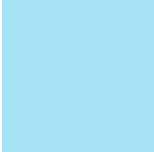
This preview shows how white text looks on a background with the Hex color 9EE8D5.

# 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**  
A5E3F5

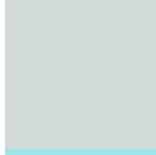
# Trichromacy



**Original Color**  
9EE8D5



**Protanomaly**  
C8DECF



**Deuteranomaly**  
D0DAD8

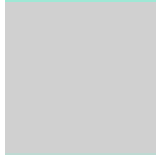


**Tritanomaly**  
A2E5E9

# Monochromacy



**Original Color**  
9EE8D5



**Achromatopsia**  
D0D0D0



**Achromatomaly**  
BED9D2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EE8D5 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 #9EE8D5 looks like.

```
.text, #text, p{  
    color:#9EE8D5  
}
```

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 #9EE8D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EE8D5  
}
```

## Border

The CSS property to change the border of an element to Hex 9EE8D5 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  
#9EE8D5 }
```

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

```
.border{ border-color:#9EE8D5 }
```

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

Here you see how a box with a 4 pixel #9EE8D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EE8D5; -webkit-box-shadow:4px 4px  
4px 4px #9EE8D5; box-shadow:4px 4px 4px  
4px #9EE8D5 }
```

# Background

The CSS property to change the background color of an element to Hex 9EE8D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EE8D5 }
```

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

```
.background{ background-color:#9EE8D5 }
```

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