

# Converting Colors

Hex(9EE3E4)

Have a look what the booklet for  
Hex(9EE3E4) contains.

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# **Color**

**Hex(9EE3E4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EE3E4
RGB	158, 227, 228
RGB Percent	62%, 89%, 89%
CMY	0.3804, 0.1098, 0.1059
CMYK	0.31, 0.00, 0.00, 0.11
HSL	181°, 56%, 76%
HSV	181°, 31%, 89%
XYZ	55.5732, 67.8087, 83.5582
YIQ	206.4830, -41.4450, -14.3170

# Conversions

## Conversions Part 2

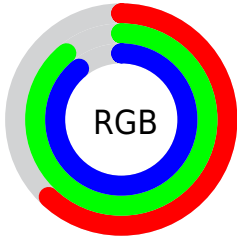
Format	Color
<a href="#">RYB</a>	<a href="#">158, 193, 228</a>
Decimal	<a href="#">10413028</a>
CIELab	<a href="#">85.91, -21.17, -7.40</a>
CIELCh	<a href="#">86, 22.427, 199.265</a>
Yxy	<a href="#">67.8087, 0.2685, 0.3277</a>
Android (android.graphics.Color)	<a href="#">4288603108 (0xFF9EE3E4)</a>
YUV	<a href="#">206.4830, 10.6079, -42.5196</a>
Hunter-Lab	<a href="#">82.3460, -23.6405, -2.5205</a>

# Details

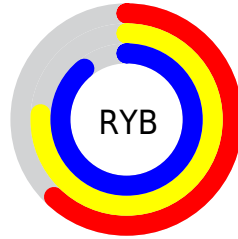
The Hex color **9EE3E4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E49F9E**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **D7FFFF**, and **67ABAD** is the 20% darker color. If you saturate the color by 10%, you get **87E3E4**, and if you desaturate by 10%, it is **B5E3E4**.

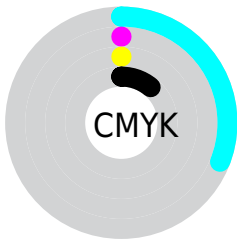
# Distribution



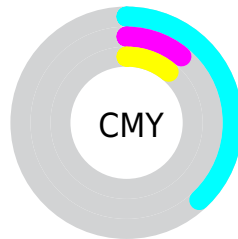
- Red (62%)
- Green (89%)
- Blue (89%)



- Red (62%)
- Yellow (76%)
- Blue (89%)



- Cyan (31%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (38%)
- Magenta (11%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EE3E4 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 9EE3E4 by changing the saturation by 10% instead.



 9EE3E4

 9EE3E4

FFFFFF


 82C7C8

 D7FFFF

 67ABAD

 F4FFFF

 4D9192

 317778

 105E60

 004648

 002F32

 001C1D

 000001

 9EE3E4

 9EE3E4

 87E3E4

 B5E3E4

 70E2E4

 CCE4E4

 5AE2E4

 E2E4E4

 43E2E4

 F9E4E4

 2CE1E4

 FFE5E4

 15E1E4

 FFE6E4

 00E1E4

# Harmonies

## Analogous

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



ABE3CE



9EE3E4



A1E0F6

# Triad

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



9EE3E4



EBCDF3



EFD3AE

# Complementary

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



9EE3E4



E49F9E

# 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.



FECCB8



9EE3E4



FDC9DF

# Square

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



9EE3E4



D1D4FF



FFC8CA



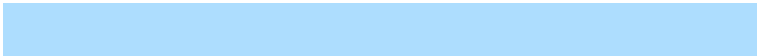
D9DAAF

# Rectangle

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



9EE3E4



ADDDFE



FFC8CA



F5D0B0



# Sweetspot

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



9EE3E4



E8FFFF



9EE49E



717F80



000000



808080



# Same Dimension

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



9EE3E4



A1FEFF



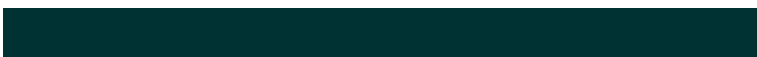
9EC1E4



677373



00B0B3



003233



# Inverse Universe

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



E49EE3



FFA1FE



E4C19E



736773



B300B0

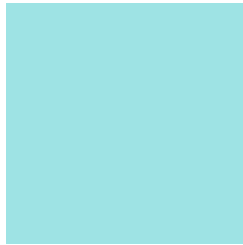


330032



# Previews

## White Background



This preview shows how the Hex color 9EE3E4 looks on a white background.

## Color Contrast Check

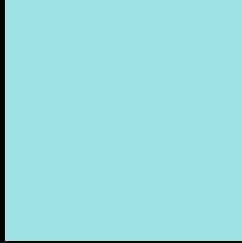
Large Text (above 18pt) WCAG AA × Fail

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 9EE3E4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

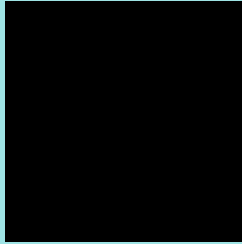
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9EE3E4 Background



This preview shows how black text looks on a background with the Hex color 9EE3E4.

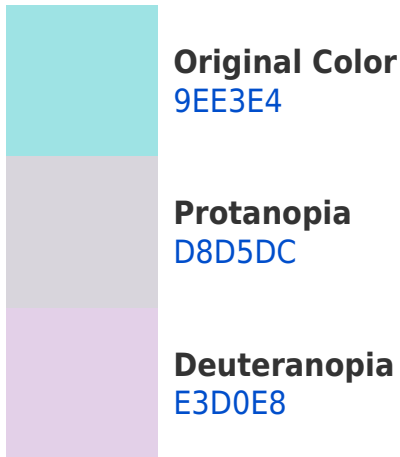


This preview shows how white text looks on a background with the Hex color 9EE3E4.

# 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



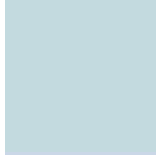


**Tritanopia**  
A1E1F3

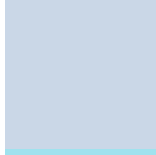
# Trichromacy



**Original Color**  
9EE3E4



**Protanomaly**  
C3DADF



**Deuteranomaly**  
CAD7E7

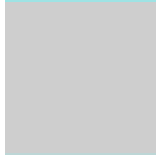


**Tritanomaly**  
A0E2EE

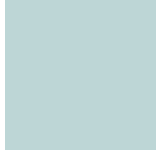
# Monochromacy



**Original Color**  
9EE3E4



**Achromatopsia**  
CECECE



**Achromatomaly**  
BDD6D6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EE3E4 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 #9EE3E4 looks like.

```
.text, #text, p{  
    color:#9EE3E4  
}
```

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 #9EE3E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EE3E4  
}
```

## Border

The CSS property to change the border of an element to Hex 9EE3E4 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  
#9EE3E4 }
```

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

```
.border{ border-color:#9EE3E4 }
```

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

Here you see how a box with a 4 pixel #9EE3E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EE3E4; -webkit-box-shadow:4px 4px  
4px 4px #9EE3E4; box-shadow:4px 4px 4px  
4px #9EE3E4 }
```

# Background

The CSS property to change the background color of an element to Hex 9EE3E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EE3E4 }
```

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

```
.background{ background-color:#9EE3E4 }
```

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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