

Converting Colors

Hex(9DEECF)

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

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Color

Hex(9DEECF)

Conversions

Conversions Part 1

Format	Color
Hex	9DEECF
RGB	157, 238, 207
RGB Percent	62%, 93%, 81%
CMY	0.3843, 0.0667, 0.1882
CMYK	0.34, 0.00, 0.13, 0.07
HSL	157°, 70%, 77%
HSV	157°, 34%, 93%
XYZ	55.7416, 72.8222, 70.1497
YIQ	210.2470, -38.3250, -26.8130

Conversions

Conversions Part 2

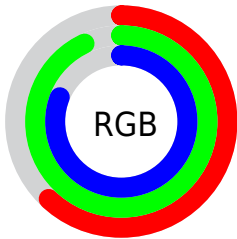
Format	Color
RYB	157, 207, 238
Decimal	10350287
CIELab	88.36, -31.32, 7.20
CIELCh	88, 32.136, 167.055
Yxy	72.8222, 0.2805, 0.3665
Android (android.graphics.Color)	4288540367 (0xFF9DEECF)
YUV	210.2470, -1.6008, -46.6976
Hunter-Lab	85.3359, -32.7411, 10.9963

Details

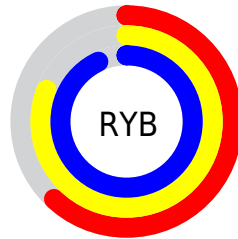
The Hex color **9DEECF** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EE9DBC**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **D6FFFF**, and **66B699** is the 20% darker color. If you saturate the color by 10%, you get **85EEC6**, and if you desaturate by 10%, it is **B5EED8**.

Distribution



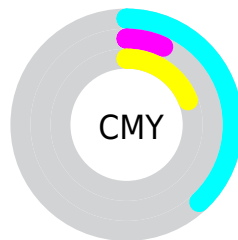
- Red (62%)
- Green (93%)
- Blue (81%)



- Red (62%)
- Yellow (81%)
- Blue (93%)



- Cyan (34%)
- Magenta (0%)
- Yellow (13%)
- Black (7%)



- Cyan (38%)
- Magenta (7%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 9DEECF

FFFFFF

 D6FFFF

 F3FFFF

 9DEECF

 81D2B3

 66B699

 4B9B7F

 2F8066

 0D674E

 004E37

 003722

 00230C

 000000

 9DEECF

 9DEECF

 85EEC6

 B5EED8

 6DEEBD

 CDEEE1

 56EEB4

 E4EEEA

 3EEEEAB

 FCEEF3

 26EEA1

 FFEEFD

 0EEE98

 FFEEFF

 00EE93

Harmonies

Analogous

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



BFE9B3



9DEECF



85EFEF

Triad

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



9DEECF



D0DBFF



FFCEB2

Complementary

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



9DEECF



EE9DBC

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.



FFC8CD



9DEECF



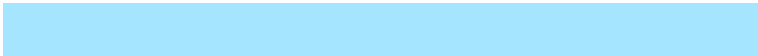
F8D0FF

Square

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



9DEECF



A5E5FF



FFC9EC



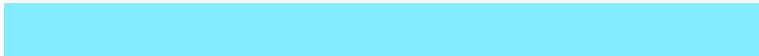
FFD7A3

Rectangle

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



9DEECF



82EDFF



FFC9EC



FFCBBA

Sweetspot

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



9DEECF



E6FFF5



BCEE9D



70807A



000000



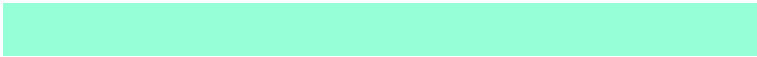
808080

Same Dimension

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



9DEECF



96FFD7



9DE5EE



6C7873



00B871



003823

Inverse Universe

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



EE9DBC



FF96BE



EEA69D



786C70



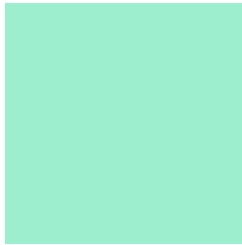
B80046



380015

Previews

White Background



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

Color Contrast Check

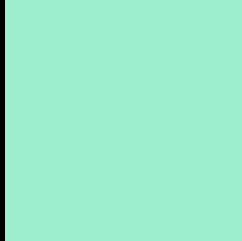
Large Text (above 18pt) WCAG AA × Fail

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 9DEECF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

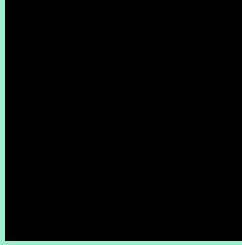
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

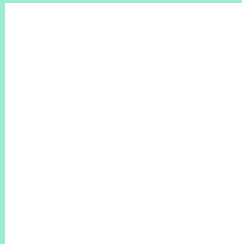
Any Text WCAG AAA ✓ Pass

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

Hex 9DEECF Background



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

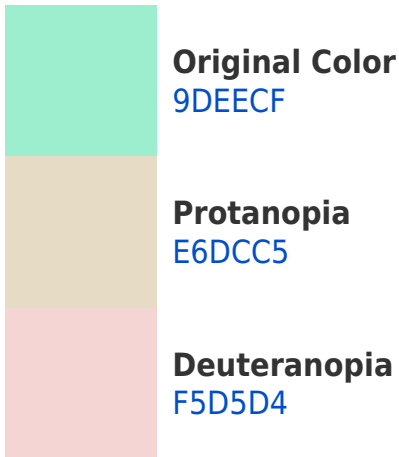


This preview shows how white text looks on a background with the Hex color 9DEECF.

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



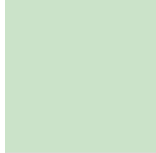


Tritanopia
A7E8FA

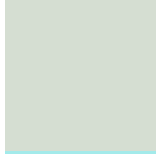
Trichromacy



Original Color
9DEECF



Protanomaly
CBE3C9

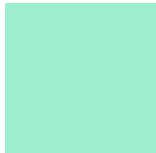


Deuteranomaly
D5DED2

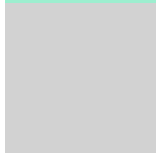


Tritanomaly
A3EAEA

Monochromacy



Original Color
9DEECF



Achromatopsia
D2D2D2



Achromatomaly
BFDCD1

CSS Examples

Text

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

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

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 #9DEECF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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