

Converting Colors

Hex(9DEAEA)

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

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Color

Hex(9DEAEA)

Conversions

Conversions Part 1

Format	Color
Hex	9DEAEA
RGB	157, 234, 234
RGB Percent	62%, 92%, 92%
CMY	0.3843, 0.0824, 0.0824
CMYK	0.33, 0.00, 0.00, 0.08
HSL	180°, 65%, 77%
HSV	180°, 33%, 92%
XYZ	58.1787, 71.9542, 88.6641
YIQ	210.9770, -45.8920, -16.3240

Conversions

Conversions Part 2

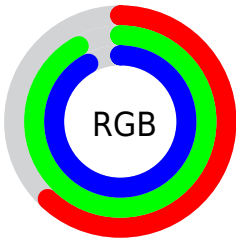
Format	Color
RYB	157, 196, 234
Decimal	10349290
CIELab	87.95, -23.51, -7.55
CIELCh	88, 24.693, 197.793
Yxy	71.9542, 0.2659, 0.3289
Android (android.graphics.Color)	4288539370 (0xFF9DEAEA)
YUV	210.9770, 11.3503, -47.3378
Hunter-Lab	84.8259, -26.0191, -2.5947

Details

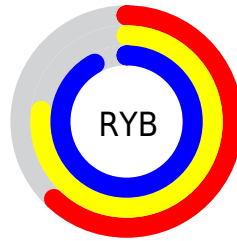
The Hex color **9DEAEA** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EA9D9D**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **D6FFFF**, and **66B2B2** is the 20% darker color. If you saturate the color by 10%, you get **86EAEA**, and if you desaturate by 10%, it is **B4EAEA**.

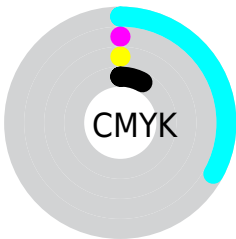
Distribution



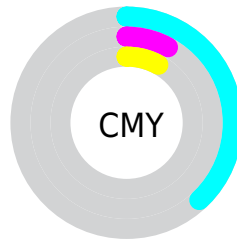
- Red (62%)
- Green (92%)
- Blue (92%)



- Red (62%)
- Yellow (77%)
- Blue (92%)



- Cyan (33%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (38%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 9DEAEA

FFFFFF

 D6FFFF

 F3FFFF

 9DEAEA

 81CECE

 66B2B2

 4A9798

 2D7D7E

 056465

 004C4D

 003536

 002021

 00000A

 9DEAEA

 9DEAEA

 86EAEA

 B4EAEA

 6EEAEA

 CCEAEA

 57EAEA


 E3EAEA

 3FEAEA

 FBEAEA

 28EAEA

 FFEAEA

 11EAEA

 00EAEA

Harmonies

Analogous

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



ACE9D2



9DEAEA



A0E7FF

Triad

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



9DEAEA



F1D2FC



F8D8AF

Complementary

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



9DEAEA



EA9D9D

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.



FFD1BB



9DEAEA



FFCDE7

Square

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



9DEAEA



D4DAFF



FFCCCF



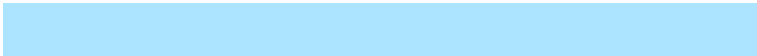
E0DFB0

Rectangle

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



9DEAEA



ACE4FF



FFCCCF



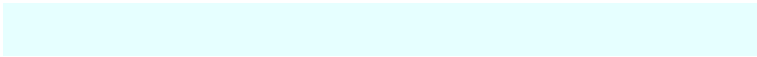
FED5B2

Sweetspot

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



9DEAEA



E6FFFF



9DEA9D



708080



000000



808080

Same Dimension

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



9DEAEA



9CFFFF



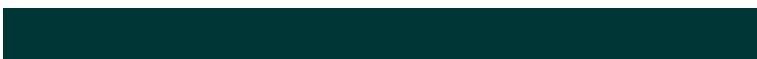
9DC3EA



6A7575



00B5B5



003636

Inverse Universe

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



EA9DEA



FF9CFF



EAC39D



756A75



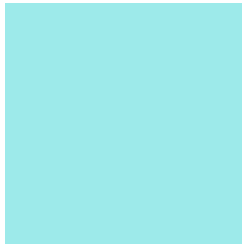
B500B5



360036

Previews

White Background



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

Color Contrast Check

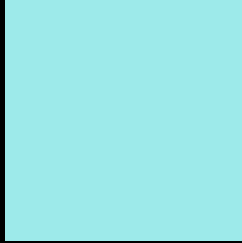
Large Text (above 18pt) WCAG AA × Fail

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 9DEAEA 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 9DEAEA Background



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

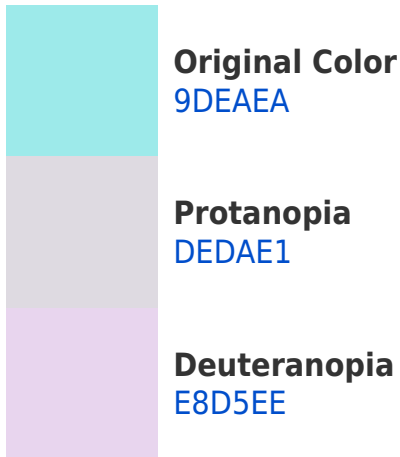


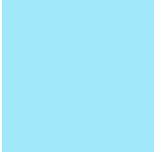
This preview shows how white text looks on a background with the Hex color 9DEAEA.

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



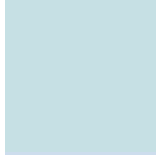


Tritanopia
A1E8FA

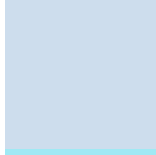
Trichromacy



Original Color
9DEAEA



Protanomaly
C6E0E4



Deuteranomaly
CDDDED

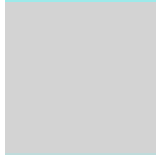


Tritanomaly
A0E9F4

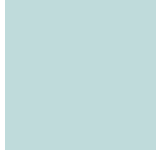
Monochromacy



Original Color
9DEAEA



Achromatopsia
D3D3D3



Achromatomaly
BFDBDB

CSS Examples

Text

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

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

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 #9DEAEA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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