

# Converting Colors

Hex(9DEAC3)

Have a look what the booklet for  
Hex(9DEAC3) contains.

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# **Color**

**Hex(9DEAC3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DEAC3
RGB	157, 234, 195
RGB Percent	62%, 92%, 76%
CMY	0.3843, 0.0824, 0.2353
CMYK	0.33, 0.00, 0.17, 0.08
HSL	150°, 65%, 77%
HSV	150°, 33%, 92%
XYZ	53.1778, 69.9539, 62.3294
YIQ	206.5310, -33.3730, -28.4530

# Conversions

## Conversions Part 2

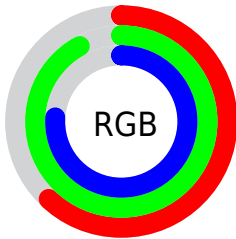
Format	Color
<a href="#">RYB</a>	<a href="#">157, 209, 234</a>
Decimal	<a href="#">10349251</a>
CIELab	<a href="#">86.97, -31.85, 11.48</a>
CIELCh	<a href="#">87, 33.856, 160.182</a>
Yxy	<a href="#">69.9539, 0.2867, 0.3772</a>
Android (android.graphics.Color)	<a href="#">4288539331</a> ( <a href="#">0xFF9DEAC3</a> )
YUV	<a href="#">206.5310, -5.6848, -43.4387</a>
Hunter-Lab	<a href="#">83.6384, -32.8760, 14.3625</a>

# Details

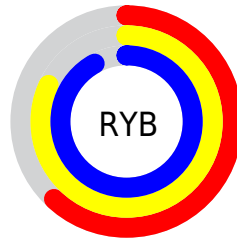
The Hex color **9DEAC3** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EA9DC4**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **D5FFFC**, and **67B28D** is the 20% darker color. If you saturate the color by 10%, you get **86EAB7**, and if you desaturate by 10%, it is **B4EACF**.

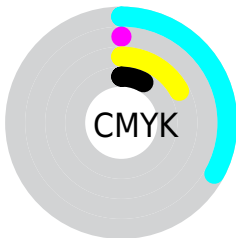
# Distribution



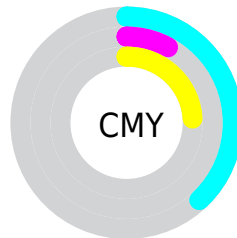
- Red (62%)
- Green (92%)
- Blue (76%)



- Red (62%)
- Yellow (82%)
- Blue (92%)



- Cyan (33%)
- Magenta (0%)
- Yellow (17%)
- Black (8%)



- Cyan (38%)
- Magenta (8%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DEAC3 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 9DEAC3 by changing the saturation by 10% instead.



 9DEAC3

 9DEAC3

FFFFFF

 82CEA8

 D5FFFC

 67B28D

 F2FFFF

 4C9774

 317D5B

 126344

 004B2D

 003418

 002000

 000000

 9DEAC3

 9DEAC3

 86EAB7

 B4EACF

 6EEAAB

 CCEADB

 57EA9F


 E3EAE7

 3FEA94

 FBFAF2

 28EA88

 FFEAFE

 11EA7C

 FFEAFF

 00EA73

# Harmonies

## Analogous

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



C2E4A8



9DEAC3



7EECE4

# Triad

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



9DEAC3



C1D9FF



FFC7B2

# Complementary

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



9DEAC3



EA9DC4

# 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.



FFC2D0



9DEAC3



ECCEFF

# Square

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



9DEAC3



93E3FF



FFC5F0



FFD09E

# Rectangle

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



9DEAC3



76EBF9



FFC5F0



FFC5BB

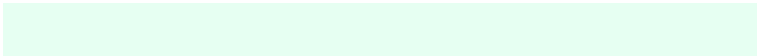


# Sweetspot

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



9DEAC3



E6FFF2



C5EA9D



708078



000000



808080

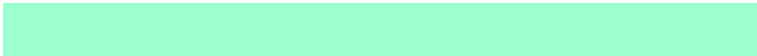


# Same Dimension

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



9DEAC3



9CFFCD



9DEAE9



6A756F



00B559



00361A



# Inverse Universe

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



EA9DC4



FF9CCE



EA9D9E



756A70



B5005C

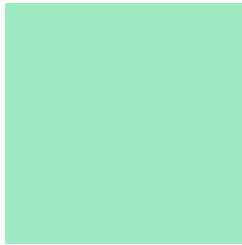


36001B



# Previews

## White Background



This preview shows how the Hex color 9DEAC3 looks on a white background.

## Color Contrast Check

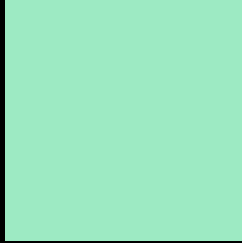
Large Text (above 18pt) WCAG AA × Fail

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 9DEAC3 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 9DEAC3 Background



This preview shows how black text looks on a background with the Hex color 9DEAC3.

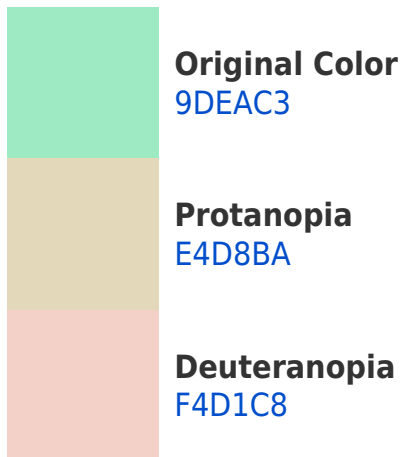


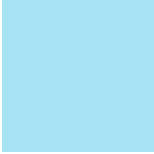
This preview shows how white text looks on a background with the Hex color 9DEAC3.

# 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



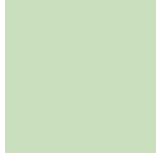


**Tritanopia**  
A8E3F5

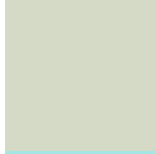
# Trichromacy



**Original Color**  
9DEAC3



**Protanomaly**  
CADFBD



**Deuteranomaly**  
D4DAC6

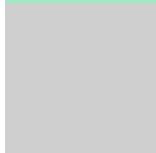


**Tritanomaly**  
A4E6E3

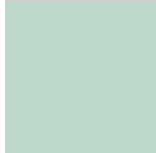
# Monochromacy



**Original Color**  
9DEAC3



**Achromatopsia**  
CFCFCF



**Achromatomaly**  
BDD9CB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DEAC3 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 #9DEAC3 looks like.

```
.text, #text, p{  
    color:#9DEAC3  
}
```

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 #9DEAC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DEAC3
}
```

## Border

The CSS property to change the border of an element to Hex 9DEAC3 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
#9DEAC3 }
```

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

```
.border{ border-color:#9DEAC3 }
```

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

Here you see how a box with a 4 pixel #9DEAC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DEAC3; -webkit-box-shadow:4px 4px  
4px 4px #9DEAC3; box-shadow:4px 4px 4px  
4px #9DEAC3 }
```

# Background

The CSS property to change the background color of an element to Hex 9DEAC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DEAC3 }
```

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

```
.background{ background-color:#9DEAC3 }
```

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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