

Converting Colors

Hex(9DDEBA)

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

Hex(9DDEBA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9DDEBA)

Conversions

Conversions Part 1

Format	Color
Hex	9DDEBA
RGB	157, 222, 186
RGB Percent	62%, 87%, 73%
CMY	0.3843, 0.1294, 0.2706
CMYK	0.29, 0.00, 0.16, 0.13
HSL	147°, 50%, 74%
HSV	147°, 29%, 87%
XYZ	48.8888, 62.9558, 56.0293
YIQ	198.4610, -27.1840, -24.9760

Conversions

Conversions Part 2

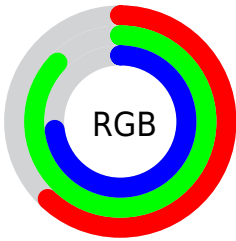
Format	Color
RYB	157, 202, 222
Decimal	10346170
CIELab	83.42, -27.92, 11.14
CIELCh	83, 30.058, 158.239
Yxy	62.9558, 0.2912, 0.3750
Android (android.graphics.Color)	4288536250 (0xFF9DDEBA)
YUV	198.4610, -6.1433, -36.3613
Hunter-Lab	79.3447, -28.8691, 13.6736

Details

The Hex color **9DDEBA** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DE9DC1**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **D5FFF2**, and **68A785** is the 20% darker color. If you saturate the color by 10%, you get **87DEAE**, and if you desaturate by 10%, it is **B3DEC6**.

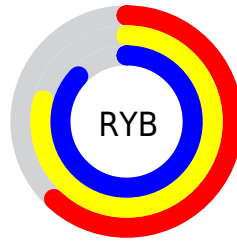
Distribution



Red (62%)

Green (87%)

Blue (73%)



Red (62%)

Yellow (79%)

Blue (87%)

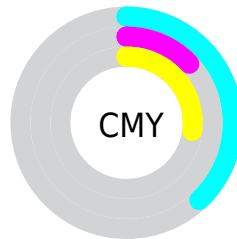


Cyan (29%)

Magenta (0%)

Yellow (16%)

Black (13%)



Cyan (38%)

Magenta (13%)

Yellow (27%)

Brightness & Saturation Gradients

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

■ 9DDEBA

■ 9DDEBA

FFFFFF

■ 82C29F

■ D5FFF2

■ 68A785

■ F2FFFF

■ 4E8C6C

■ 347253

■ 19593C

■ 004126

■ 002B12

■ 001400

■ 000000

 9DDEBA

 9DDEBA

 87DEAE

 B3DEC6

 71DEA1

 C9DED3

 5ADE95

 E0DEDF

 44DE89

 F6DEEB

 2EDE7D

 FFDEF7

 18DE70

 FFDEFF

 02DE64

 00DE63

Harmonies

Analogous

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



BDD9A3



9DDEBA



83E0D7

Triad

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



9DDEBA



B8D0FF



FFBFAE

Complementary

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



9DDEBA



DE9DC1

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.



FFBBC9



9DDEBA



DEC6FC

Square

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



9DDEBA



92D8FF



FBEE5



F7C79C

Rectangle

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



9DDEBA



7BDFEA



FBEE5



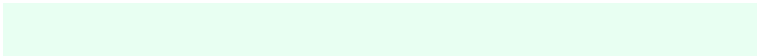
FFDB6

Sweetspot

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



9DDEBA



E8FFF2



C2DE9D



718078



000000



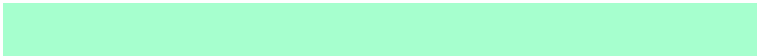
808080

Same Dimension

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



9DDEBA



A6FFCE



9DDEDA



65706A



00B04F



003016

Inverse Universe

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



DE9DC1



FFA6D7



DE9DA1



70656B



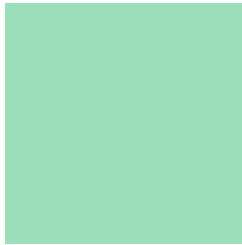
B00061



30001B

Previews

White Background



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

Color Contrast Check

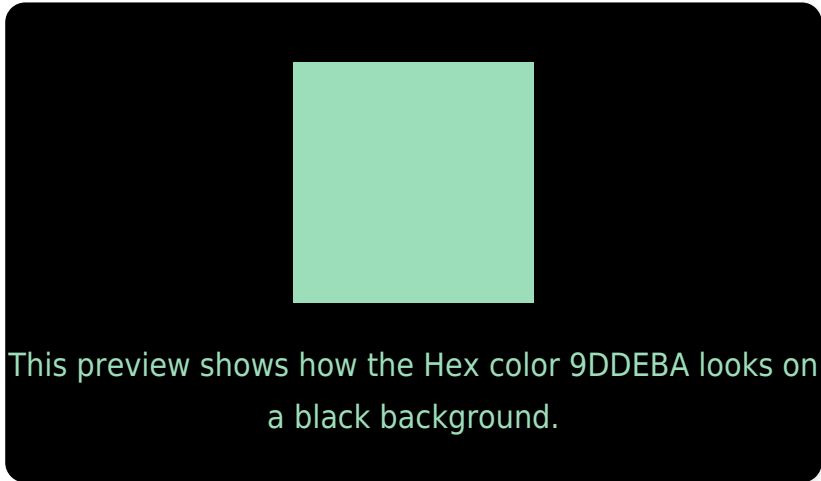
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

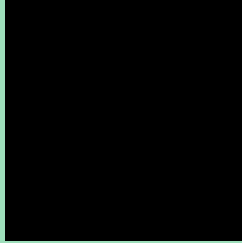
Any Text WCAG AA ✓ Pass

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 9DDEBA Background



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

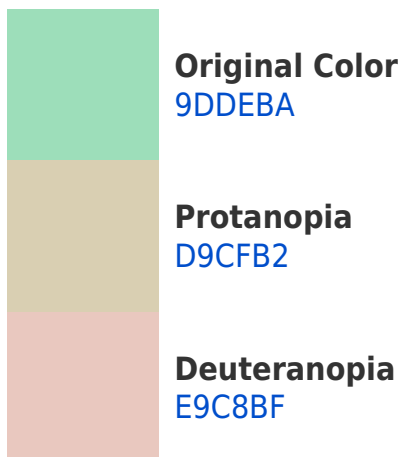


This preview shows how white text looks on a background with the Hex color 9DDEBA.

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



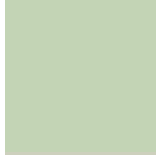


Tritanopia
A6D7E9

Trichromacy



Original Color
9DDEBA



Protanomaly
C3D4B5



Deuteranomaly
CDD0BD



Tritanomaly
A3DAD8

Monochromacy



Original Color
9DDEBA



Achromatopsia
C6C6C6



Achromatomaly
B7CFC2

CSS Examples

Text

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

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

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 #9DDEBA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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