

Converting Colors

Hex(9DE8C6)

Have a look what the booklet for
Hex(9DE8C6) contains.

Hex(9DE8C6)	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(9DE8C6)

Conversions

Conversions Part 1

Format	Color
Hex	9DE8C6
RGB	157, 232, 198
RGB Percent	62%, 91%, 78%
CMY	0.3843, 0.0902, 0.2235
CMYK	0.32, 0.00, 0.15, 0.09
HSL	153°, 62%, 76%
HSV	153°, 32%, 91%
XYZ	52.9543, 68.9585, 63.9454
YIQ	205.6990, -33.7860, -26.4740

Conversions

Conversions Part 2

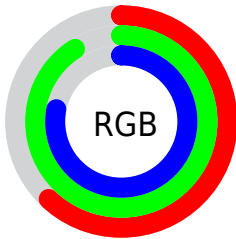
Format	Color
RYB	157, 205, 232
Decimal	10348742
CIELab	86.48, -30.31, 9.21
CIELCh	86, 31.682, 163.102
Yxy	68.9585, 0.2849, 0.3710
Android (android.graphics.Color)	4288538822 (0xFF9DE8C6)
YUV	205.6990, -3.7956, -42.7090
Hunter-Lab	83.0413, -31.4952, 12.4730

Details

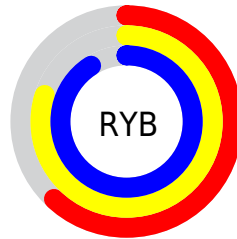
The Hex color **9DE8C6** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E89DBF**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **D5FFFF**, and **67B090** is the 20% darker color. If you saturate the color by 10%, you get **86E8BB**, and if you desaturate by 10%, it is **B4E8D1**.

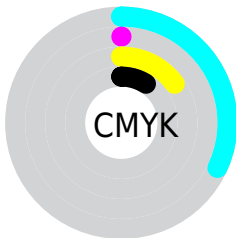
Distribution



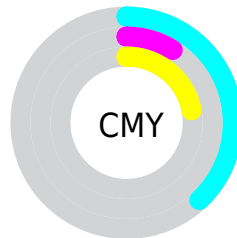
- Red (62%)
- Green (91%)
- Blue (78%)



- Red (62%)
- Yellow (80%)
- Blue (91%)



- Cyan (32%)
- Magenta (0%)
- Yellow (15%)
- Black (9%)



- Cyan (38%)
- Magenta (9%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DE8C6 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 9DE8C6 by changing the saturation by 10% instead.

 9DE8C6

 9DE8C6

FFFFFF

 82CCAB

 D5FFFF

 67B090

 F2FFFF

 4C9577

 327B5E

 136246

 004930

 00321B

 001F00

 000000

 9DE8C6

 9DE8C6

 86E8BB

 B4E8D1

 6FE8B1

 CBE8DB

 57E8A6

 E3E8E6

 40E89C

 FAE8F0

 29E891

 FFE8FB

 12E887

 FFE8FF

 00E87F

Harmonies

Analogous

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



BFE3AC



9DE8C6



83E9E5

Triad

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



9DE8C6



C6D7FF



FFC8B1

Complementary

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



9DE8C6



E89DBF

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.



FFC3CC



9DE8C6



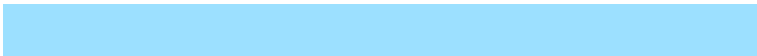
EDCCFF

Square

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



9DE8C6



9CE0FF



FFC4EB



FED1A0

Rectangle

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



9DE8C6



7EE8F8



FFC4EB



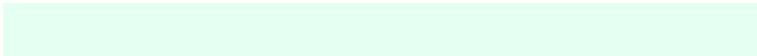
FFC5B9

Sweetspot

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



9DE8C6



E6FFF3



C0E89D



708079



000000



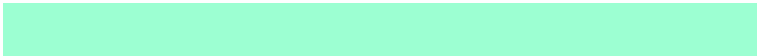
808080

Same Dimension

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



9DE8C6



9CFFD2



9DE6E8



67736E



00B362



00331C

Inverse Universe

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



E89DBF



FF9CC9



E8A09D



73676C



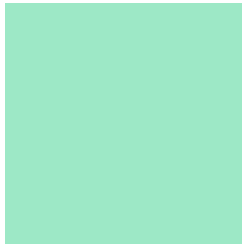
B30051



330017

Previews

White Background



This preview shows how the Hex color 9DE8C6 looks on a white background.

Color Contrast Check

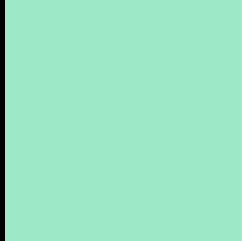
Large Text (above 18pt) WCAG AA × Fail

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 9DE8C6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

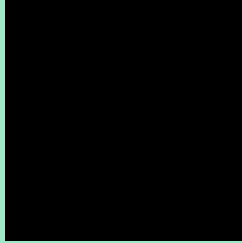
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

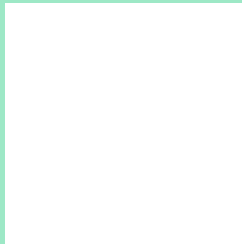
Any Text WCAG AAA ✓ Pass

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

Hex 9DE8C6 Background



This preview shows how black text looks on a background with the Hex color 9DE8C6.

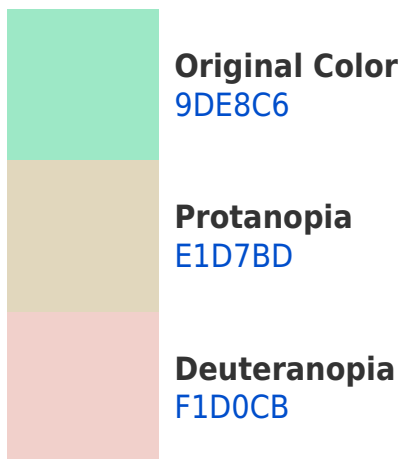


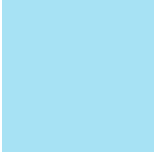
This preview shows how white text looks on a background with the Hex color 9DE8C6.

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



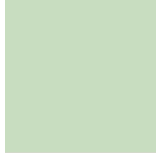


Tritanopia
A7E2F4

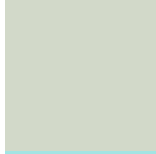
Trichromacy



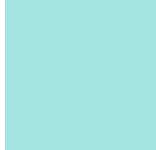
Original Color
9DE8C6



Protanomaly
C8DDC0



Deuteranomaly
D2D9C9

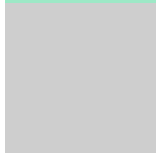


Tritanomaly
A3E4E3

Monochromacy



Original Color
9DE8C6



Achromatopsia
CECECE



Achromatomaly
BCD7CB

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DE8C6 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 #9DE8C6 looks like.

```
.text, #text, p{  
    color:#9DE8C6  
}
```

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 #9DE8C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DE8C6  
}
```

Border

The CSS property to change the border of an element to Hex 9DE8C6 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  
#9DE8C6 }
```

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

```
.border{ border-color:#9DE8C6 }
```

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

Here you see how a box with a 4 pixel #9DE8C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DE8C6; -webkit-box-shadow:4px 4px  
4px 4px #9DE8C6; box-shadow:4px 4px 4px  
4px #9DE8C6 }
```

Background

The CSS property to change the background color of an element to Hex 9DE8C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DE8C6 }
```

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

```
.background{ background-color:#9DE8C6 }
```

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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