

Converting Colors

Hex(9DE1B0)

Have a look what the booklet for
Hex(9DE1B0) contains.

Hex(9DE1B0)	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(9DE1B0)

Conversions

Conversions Part 1

Format	Color
Hex	9DE1B0
RGB	157, 225, 176
RGB Percent	62%, 88%, 69%
CMY	0.3843, 0.1176, 0.3098
CMYK	0.30, 0.00, 0.22, 0.12
HSL	137°, 53%, 75%
HSV	137°, 30%, 88%
XYZ	48.6663, 64.1531, 50.8921
YIQ	199.0820, -24.7990, -29.6550

Conversions

Conversions Part 2

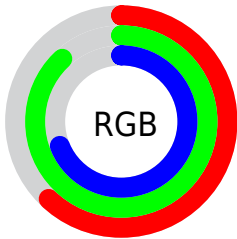
Format	Color
RYB	157, 210, 225
Decimal	10346928
CIELab	84.05, -31.22, 17.28
CIELCh	84, 35.687, 151.040
Yxy	64.1531, 0.2973, 0.3919
Android (android.graphics.Color)	4288537008 (0xFF9DE1B0)
YUV	199.0820, -11.3794, -36.9059
Hunter-Lab	80.0956, -31.7103, 18.3946

Details

The Hex color **9DE1B0** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E19DCE**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **D5FFE8**, and **67A97B** is the 20% darker color. If you saturate the color by 10%, you get **87E1A0**, and if you desaturate by 10%, it is **B4E1C0**.

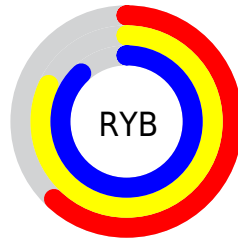
Distribution



Red (62%)

Green (88%)

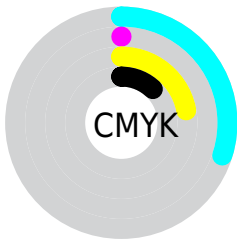
Blue (69%)



Red (62%)

Yellow (82%)

Blue (88%)

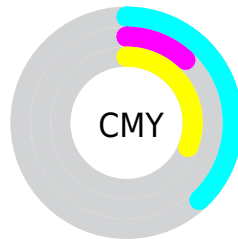


Cyan (30%)

Magenta (0%)

Yellow (22%)

Black (12%)



Cyan (38%)

Magenta (12%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DE1B0 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 9DE1B0 by changing the saturation by 10% instead.

 9DE1B0

 9DE1B0

FFFFFF

 82C595

 D5FFE8

 67A97B

 F2FFFF

 4D8F62

 34754A

 185C33

 00441E

 002D07

 001700

 000000

 9DE1B0

 9DE1B0

 87E1A0

 B4E1C0

 70E190

 CAE1D0

 5AE17F

 E1E1E1

 43E16F

 F7E1F1

 2DE15F

 FFE1FF

 16E14F

 00E13F

Harmonies

Analogous

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



C4DA97



9DE1B0



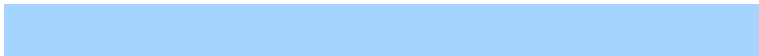
78E4D2

Triad

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



9DE1B0



A7D4FF



FFBBB1

Complementary

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



9DE1B0



E19DCE

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.



FFB8D2



9DE1B0



D8C9FF

Square

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



9DE1B0



78DEFF



FEBEF3



FFC498

Rectangle

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



9DE1B0



67E4E9



FEBEF3



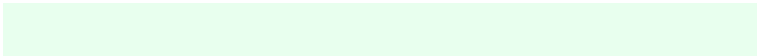
FFB9BB

Sweetspot

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



9DE1B0



E8FFEE



CFE19D



718075



000000



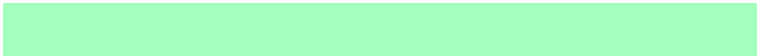
808080

Same Dimension

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



9DE1B0



A3FFBD



9DE1D1



657068



00B031



00300E

Inverse Universe

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



E19DCE



FFA3E5



E19DAD



70656D



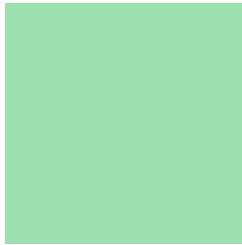
B0007F



300023

Previews

White Background



This preview shows how the Hex color 9DE1B0 looks on a white background.

Color Contrast Check

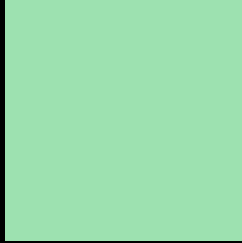
Large Text (above 18pt) WCAG AA × Fail

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 9DE1B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

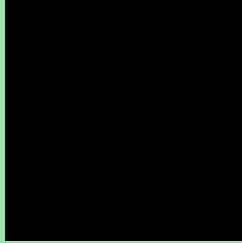
Any Text WCAG AA ✓ Pass

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 9DE1B0 Background



This preview shows how black text looks on a background with the Hex color 9DE1B0.

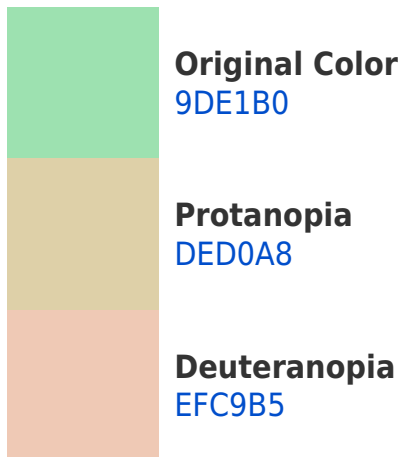


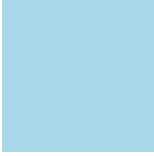
This preview shows how white text looks on a background with the Hex color 9DE1B0.

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](#).

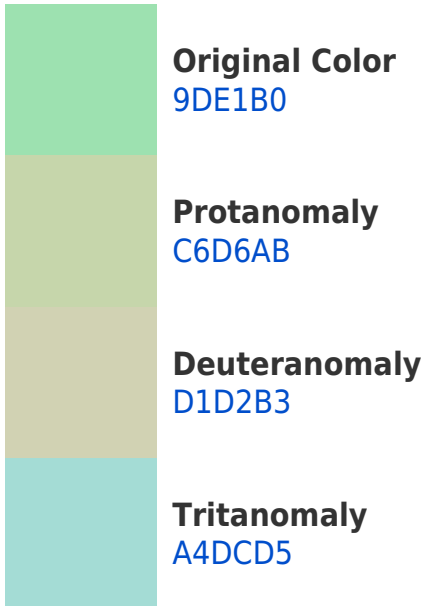
Dichromacy



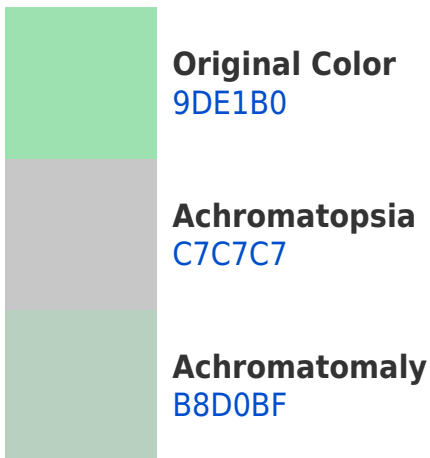


Tritanopia
A8D9EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DE1B0 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 #9DE1B0 looks like.

```
.text, #text, p{  
    color:#9DE1B0  
}
```

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 #9DE1B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DE1B0
}
```

Border

The CSS property to change the border of an element to Hex 9DE1B0 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
#9DE1B0 }
```

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

```
.border{ border-color:#9DE1B0 }
```

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

Here you see how a box with a 4 pixel #9DE1B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DE1B0; -webkit-box-shadow:4px 4px  
4px 4px #9DE1B0; box-shadow:4px 4px 4px  
4px #9DE1B0 }
```

Background

The CSS property to change the background color of an element to Hex 9DE1B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DE1B0 }
```

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

```
.background{ background-color:#9DE1B0 }
```

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