

Converting Colors

Hex(9DE1B4)

Have a look what the booklet for
Hex(9DE1B4) contains.

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Color

Hex(9DE1B4)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9DE1B4 |
| RGB | 157, 225, 180 |
| RGB Percent | 62%, 88%, 71% |
| CMY | 0.3843, 0.1176, 0.2941 |
| CMYK | 0.30, 0.00, 0.20, 0.12 |
| HSL | 140°, 53%, 75% |
| HSV | 140°, 30%, 88% |
| XYZ | 49.0681, 64.3138, 53.0077 |
| YIQ | 199.5380, -26.0830, -28.4110 |

Conversions

Conversions Part 2

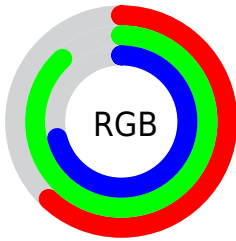
| Format | Color |
|-------------------------------------|---|
| RYB | 157, 208, 225 |
| Decimal | 10346932 |
| CIELab | 84.13, -30.49, 15.30 |
| CIElCh | 84, 34.111, 153.347 |
| Yxy | 64.3138, 0.2949, 0.3865 |
| Android (android.graphics.Color) | 4288537012 (0xFF9DE1B4) |
| YUV | 199.5380, -9.6322, -37.3058 |
| Hunter-Lab | 80.1959, -31.1271, 16.9478 |

Details

The Hex color **9DE1B4** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E19DCA**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **D5FFEC**, and **67A97F** is the 20% darker color. If you saturate the color by 10%, you get **87E1A5**, and if you desaturate by 10%, it is **B4E1C3**.

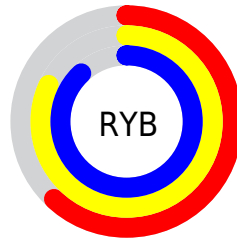
Distribution



Red (62%)

Green (88%)

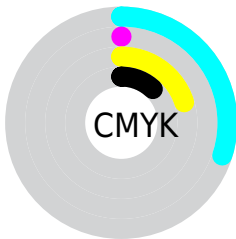
Blue (71%)



Red (62%)

Yellow (82%)

Blue (88%)

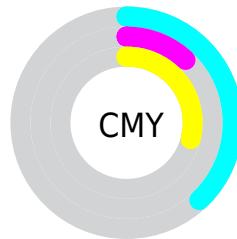


Cyan (30%)

Magenta (0%)

Yellow (20%)

Black (12%)



Cyan (38%)

Magenta (12%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DE1B4 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 9DE1B4 by changing the saturation by 10% instead.

 9DE1B4

 9DE1B4

FFFFFF

 82C599

 D5FFEC

 67A97F

 F2FFFF

 4D8F66

 34754E

 185C37

 004421

 002D0C

 001700

 000000

 9DE1B4

 9DE1B4

 87E1A5

 B4E1C3

 70E196

 CAE1D2

 5AE187

 E1E1E1

 43E178

 F7E1F0

 2DE16A

 FFE1FE

 16E15B

 FFE1FF

 00E14C

Harmonies

Analogous

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



C2DB9B



9DE1B4



7BE4D4

Triad

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



9DE1B4



AED4FF



FFBDB0

Complementary

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



9DE1B4



E19DCA

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.



FFBACF



9DE1B4



DBC8FF

Square

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



9DE1B4



81DDFF



FEBEEF



FFC699

Rectangle

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



9DE1B4



6DE3EA



FEBEEF



FFBBBA

Sweetspot

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



9DE1B4



E8FFF0



CAE19D



718076



000000



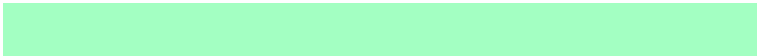
808080

Same Dimension

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



9DE1B4



A3FFC2



9DE1D6



657069



00B03C



003010

Inverse Universe

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



E19DCA



FFA3E0



E19DA8



70656C



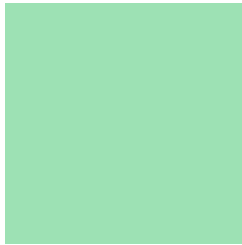
B00074



300020

Previews

White Background



This preview shows how the Hex color 9DE1B4 looks on a white background.

Color Contrast Check

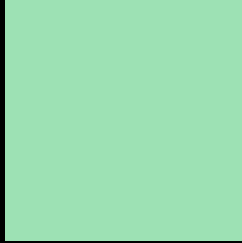
Large Text (above 18pt) WCAG AA × Fail

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 9DE1B4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

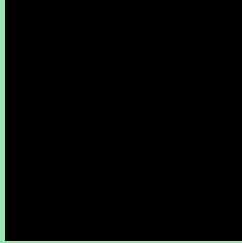
Any Text WCAG AA ✓ Pass

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 9DE1B4 Background



This preview shows how black text looks on a background with the Hex color 9DE1B4.

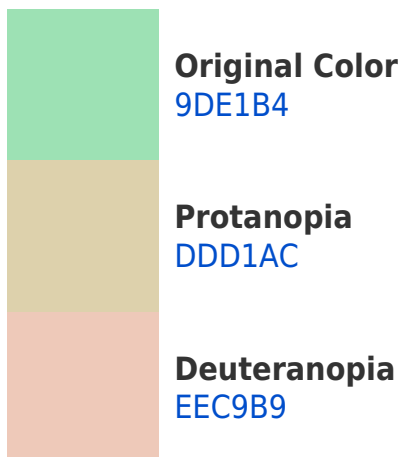


This preview shows how white text looks on a background with the Hex color 9DE1B4.

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



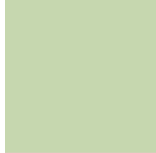


Tritanopia
A8DAEB

Trichromacy



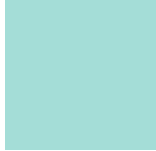
Original Color
9DE1B4



Protanomaly
C6D7AF



Deuteranomaly
D1D2B7

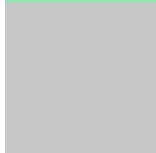


Tritanomaly
A4DDD7

Monochromacy



Original Color
9DE1B4



Achromatopsia
C8C8C8



Achromatomaly
B8D1C1

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DE1B4 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 #9DE1B4 looks like.

```
.text, #text, p{  
    color:#9DE1B4  
}
```

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 #9DE1B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DE1B4
}
```

Border

The CSS property to change the border of an element to Hex 9DE1B4 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
#9DE1B4 }
```

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

```
.border{ border-color:#9DE1B4 }
```

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

Here you see how a box with a 4 pixel #9DE1B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DE1B4; -webkit-box-shadow:4px 4px  
4px 4px #9DE1B4; box-shadow:4px 4px 4px  
4px #9DE1B4 }
```

Background

The CSS property to change the background color of an element to Hex 9DE1B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DE1B4 }
```

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

```
.background{ background-color:#9DE1B4 }
```

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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