

Converting Colors

Hex(9DE48D)

Have a look what the booklet for
Hex(9DE48D) contains.

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Color

Hex(9DE48D)

Conversions

Conversions Part 1

Format	Color
Hex	9DE48D
RGB	157, 228, 141
RGB Percent	62%, 89%, 55%
CMY	0.3843, 0.1059, 0.4471
CMYK	0.31, 0.00, 0.38, 0.11
HSL	109°, 62%, 72%
HSV	109°, 38%, 89%
XYZ	46.4557, 64.5780, 35.2156
YIQ	196.8530, -14.3890, -42.1090

Conversions

Conversions Part 2

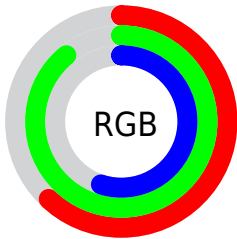
Format	Color
RYB	141, 228, 212
Decimal	10347661
CIELab	84.27, -38.32, 35.59
CIElCh	84, 52.300, 137.121
Yxy	64.5780, 0.3176, 0.4416
Android (android.graphics.Color)	4288537741 (0xFF9DE48D)
YUV	196.8530, -27.5355, -34.9511
Hunter-Lab	80.3604, -37.4413, 30.2702

Details

The Hex color **9DE48D** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **D48DE4**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **D6FFC3**, and **67AC59** is the 20% darker color. If you saturate the color by 10%, you get **8AE476**, and if you desaturate by 10%, it is **B0E4A4**.

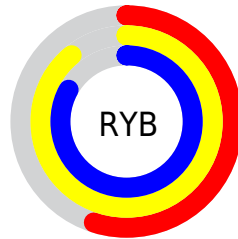
Distribution



Red (62%)

Green (89%)

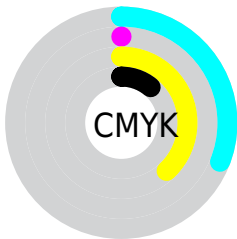
Blue (55%)



Red (55%)

Yellow (89%)

Blue (83%)

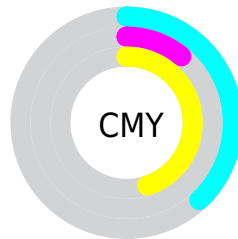


Cyan (31%)

Magenta (0%)

Yellow (38%)

Black (11%)



Cyan (38%)

Magenta (11%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DE48D 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 9DE48D by changing the saturation by 10% instead.

 9DE48D

 9DE48D

FFFFFF

 82C873

 D6FFC3

 67AC59

 F3FFE0

 4C9141

FFFFFFD

 317729

 115E0F

 004600

 002E00

 001800

 000000

 9DE48D

 9DE48D

 8AE476

 B0E4A4

 78E45F

 C2E4BB

 65E449

 D5E4D1

 53E432

 E7E4E8

 40E41B

 FAE4FF

 2DE404

 FFE4FF

 2AE400

Harmonies

Analogous

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



D5D871



9DE48D



54EBBB

Triad

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



9DE48D



4FDEFF



FFABB8

Complementary

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



9DE48D



D48DE4

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.



FFADEA



9DE48D



B6CFFF

Square

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



9DE48D



00E8FF



FABBFF



FFB78C

Rectangle

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



9DE48D



00ECDD



FABBFF



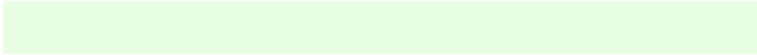
FFAAC8

Sweetspot

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



9DE48D



E8FFE3



E4D38D



72806F



000000



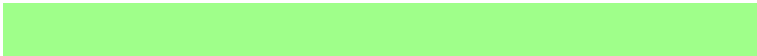
808080

Same Dimension

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



9DE48D



9FFF8A



8DE4A7



697367



21B300



093300

Inverse Universe

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



D48DE4



E98AFF



E48DCA



716773



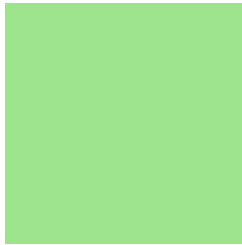
9200B3



2A0033

Previews

White Background



This preview shows how the Hex color 9DE48D 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 9DE48D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

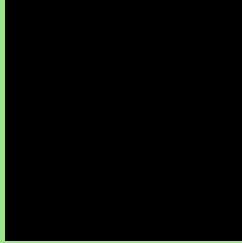
Any Text WCAG AA ✓ Pass

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 9DE48D Background



This preview shows how black text looks on a background with the Hex color 9DE48D.

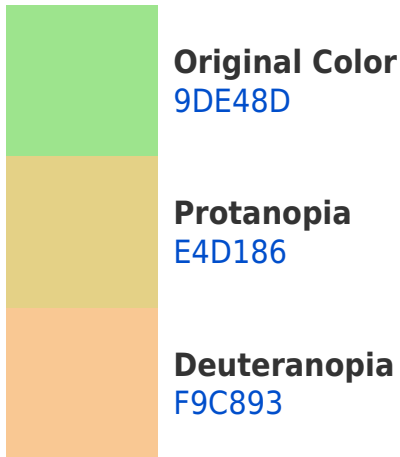


This preview shows how white text looks on a background with the Hex color 9DE48D.

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



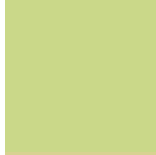


Tritanopia
ADD9EA

Trichromacy



Original Color
9DE48D



Protanomaly
CAD889



Deuteranomaly
D8D291



Tritanomaly
A7DDC8

Monochromacy



Original Color
9DE48D



Achromatopsia
C5C5C5



Achromatomaly
B6D0B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DE48D 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 #9DE48D looks like.

```
.text, #text, p{  
    color:#9DE48D  
}
```

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 #9DE48D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DE48D
}
```

Border

The CSS property to change the border of an element to Hex 9DE48D 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
#9DE48D }
```

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

```
.border{ border-color:#9DE48D }
```

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

Here you see how a box with a 4 pixel #9DE48D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DE48D; -webkit-box-shadow:4px 4px  
4px 4px #9DE48D; box-shadow:4px 4px 4px  
4px #9DE48D }
```

Background

The CSS property to change the background color of an element to Hex 9DE48D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DE48D }
```

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

```
.background{ background-color:#9DE48D }
```

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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