

Converting Colors

Hex(9DE283)

Have a look what the booklet for
Hex(9DE283) contains.

Hex(9DE283)	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(9DE283)

Conversions

Conversions Part 1

Format	Color
Hex	9DE283
RGB	157, 226, 131
RGB Percent	62%, 89%, 51%
CMY	0.3843, 0.1137, 0.4863
CMYK	0.31, 0.00, 0.42, 0.11
HSL	104°, 62%, 70%
HSV	104°, 42%, 89%
XYZ	45.1977, 63.1995, 31.2893
YIQ	194.5390, -10.6290, -44.1730

Conversions

Conversions Part 2

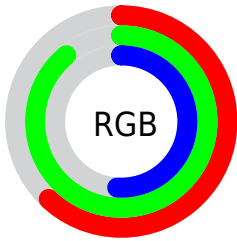
Format	Color
RYB	131, 226, 200
Decimal	10347139
CIELab	83.55, -38.82, 39.65
CIElCh	84, 55.489, 134.388
Yxy	63.1995, 0.3236, 0.4524
Android (android.graphics.Color)	4288537219 (0xFF9DE283)
YUV	194.5390, -31.3247, -32.9217
Hunter-Lab	79.4981, -37.6376, 32.3130

Details

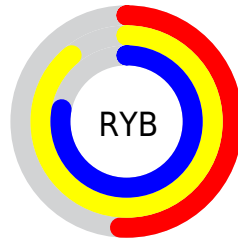
The Hex color **9DE283** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **C883E2**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **D6FFB9**, and **66AA50** is the 20% darker color. If you saturate the color by 10%, you get **8DE26C**, and if you desaturate by 10%, it is **ADE29A**.

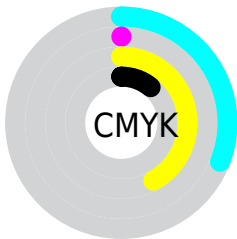
Distribution



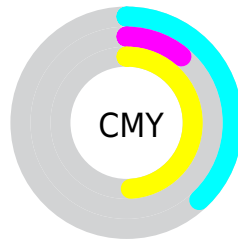
- Red (62%)
- Green (89%)
- Blue (51%)



- Red (51%)
- Yellow (89%)
- Blue (78%)



- Cyan (31%)
- Magenta (0%)
- Yellow (42%)
- Black (11%)



- Cyan (38%)
- Magenta (11%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DE283 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 9DE283 by changing the saturation by 10% instead.

 9DE283

 9DE283

FFFFFF

 81C669

 D6FFB9

 66AA50

 F3FFD5

 4C8F37

 FFFFF2

 30751E

 105C01

 004400

 002D00

 001500

 000000

 9DE283

 9DE283

 8DE26C

 ADE29A

 7CE256

 BEE2B0

 6CE23F

 CEE2C7

 5BE229

 DFE2DD

 4BE212

 EFE2F4

 3EE200

 FFE2FF

Harmonies

Analogous

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



D7D568



9DE283



4DE9B2

Triad

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



9DE283



10DDFF



FFA5B9

Complementary

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



9DE283



C883E2

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.



FFA9EE



9DE283



A8CFFF

Square

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



9DE283



00E8FF



F5B9FF



FFB189

Rectangle

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



9DE283



00EBD6



F5B9FF



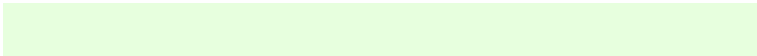
FFA5CB

Sweetspot

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



9DE283



E7FFDE



E2C783



71806B



000000



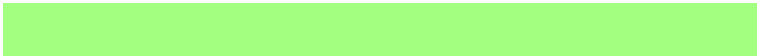
808080

Same Dimension

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



9DE283



A2FF80



83E298



687065



30B000



0D3000

Inverse Universe

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



C883E2



DC80FF



E283CD



6D6570



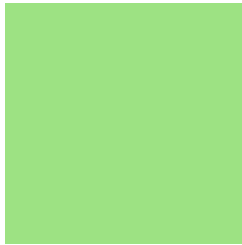
8000B0



230030

Previews

White Background



This preview shows how the Hex color 9DE283 looks on a white background.

Color Contrast Check

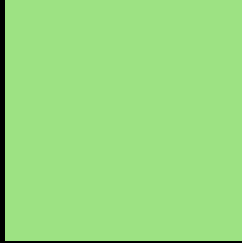
Large Text (above 18pt) WCAG AA × Fail

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 9DE283 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 9DE283 Background



This preview shows how black text looks on a background with the Hex color 9DE283.

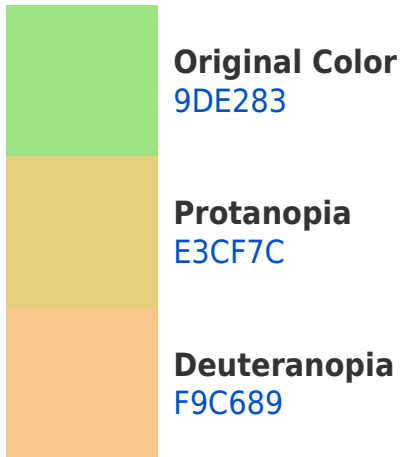


This preview shows how white text looks on a background with the Hex color 9DE283.

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



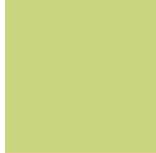


Tritanopia
AED6E7

Trichromacy



Original Color
9DE283



Protanomaly
CAD67F



Deuteranomaly
D8D087

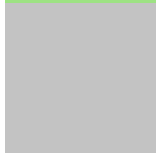


Tritanomaly
A8DAC3

Monochromacy



Original Color
9DE283



Achromatopsia
C3C3C3



Achromatomaly
B5CEAC

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DE283 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 #9DE283 looks like.

```
.text, #text, p{  
    color:#9DE283  
}
```

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 #9DE283 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DE283
}
```

Border

The CSS property to change the border of an element to Hex 9DE283 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
#9DE283 }
```

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

```
.border{ border-color:#9DE283 }
```

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

Here you see how a box with a 4 pixel #9DE283 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DE283; -webkit-box-shadow:4px 4px  
4px 4px #9DE283; box-shadow:4px 4px 4px  
4px #9DE283 }
```

Background

The CSS property to change the background color of an element to Hex 9DE283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DE283 }
```

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

```
.background{ background-color:#9DE283 }
```

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