

Converting Colors

Hex(9CE381)

Have a look what the booklet for
Hex(9CE381) contains.

Hex(9CE381)	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(9CE381)

Conversions

Conversions Part 1

Format	Color
Hex	9CE381
RGB	156, 227, 129
RGB Percent	61%, 89%, 51%
CMY	0.3882, 0.1098, 0.4941
CMYK	0.31, 0.00, 0.43, 0.11
HSL	103°, 64%, 70%
HSV	103°, 43%, 89%
XYZ	45.1418, 63.5911, 30.6640
YIQ	194.5990, -10.8580, -45.5300

Conversions

Conversions Part 2

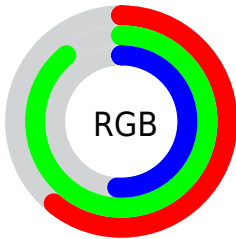
Format	Color
RYB	129, 227, 200
Decimal	10281857
CIELab	83.75, -39.86, 40.89
CIELCh	84, 57.105, 134.268
Yxy	63.5911, 0.3238, 0.4562
Android (android.graphics.Color)	4288471937 (0xFF9CE381)
YUV	194.5990, -32.3403, -33.8513
Hunter-Lab	79.7440, -38.5060, 33.0220

Details

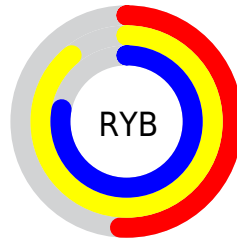
The Hex color **9CE381** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **C881E3**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **D5FFB7**, and **65AB4E** is the 20% darker color. If you saturate the color by 10%, you get **8CE36A**, and if you desaturate by 10%, it is **ACE398**.

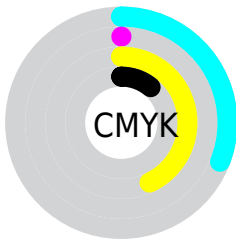
Distribution



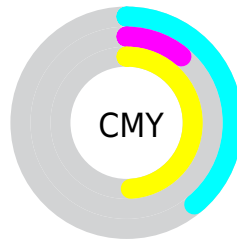
- Red (61%)
- Green (89%)
- Blue (51%)



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



- Cyan (31%)
- Magenta (0%)
- Yellow (43%)
- Black (11%)



- Cyan (39%)
- Magenta (11%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CE381 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 9CE381 by changing the saturation by 10% instead.

 9CE381

 9CE381

FFFFFF

 80C767

 D5FFB7

 65AB4E

 F2FFD3

 4A9035

 FFFFF0

 2E761B

 0C5D00

 004500

 002E00

 001600

 000000

 9CE381

 9CE381

 8CE36A

 ACE398

 7BE354

 BDE3AE

 6BE33D

 CDE3C5

 5AE326

 DEE3DC

 4AE30F

 EEE3F3

 3FE300

 FFE3FF

Harmonies

Analogous

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



D8D665



9CE381



46EAB2

Triad

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



9CE381



00DFFF



FFA4B9

Complementary

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



9CE381



C881E3

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.



FFA8EF



9CE381



A6CEFF

Square

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



9CE381



00E9FF



F6B9FF



FFB088

Rectangle

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



9CE381



00ECD7



F6B9FF



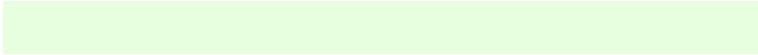
FFA4CB

Sweetspot

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



9CE381



E7FFDE



E3C781



71806B



000000



808080

Same Dimension

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



9CE381



9FFF7A



81E396



6A7367



31B300



0E3300

Inverse Universe

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



C881E3



DA7AFF



E381CE



706773



8100B3



250033

Previews

White Background



This preview shows how the Hex color 9CE381 looks on a white background.

Color Contrast Check

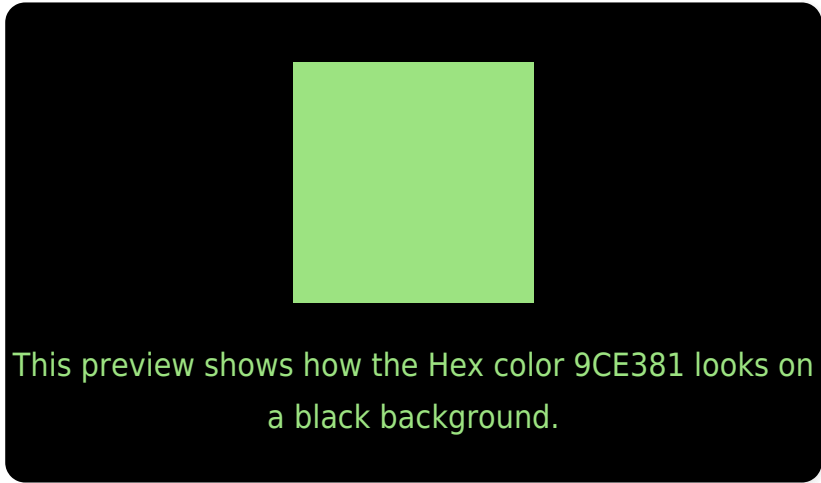
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 9CE381 Background



This preview shows how black text looks on a background with the Hex color 9CE381.

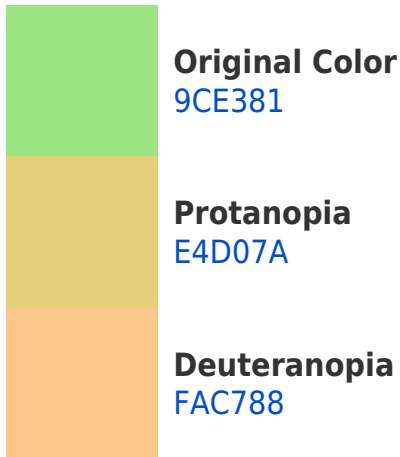


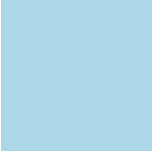
This preview shows how white text looks on a background with the Hex color 9CE381.

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
ADD7E8

Trichromacy



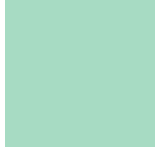
Original Color
9CE381



Protanomaly
CAD77D



Deuteranomaly
D8D185

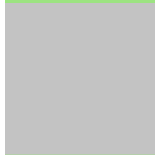


Tritanomaly
A7DBC3

Monochromacy



Original Color
9CE381



Achromatopsia
C3C3C3



Achromatomaly
B5CFAB

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CE381 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 #9CE381 looks like.

```
.text, #text, p{  
    color:#9CE381  
}
```

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 #9CE381 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CE381
}
```

Border

The CSS property to change the border of an element to Hex 9CE381 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
#9CE381 }
```

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

```
.border{ border-color:#9CE381 }
```

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

Here you see how a box with a 4 pixel #9CE381 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CE381; -webkit-box-shadow:4px 4px  
4px 4px #9CE381; box-shadow:4px 4px 4px  
4px #9CE381 }
```

Background

The CSS property to change the background color of an element to Hex 9CE381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CE381 }
```

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

```
.background{ background-color:#9CE381 }
```

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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