

# Converting Colors

Hex(9CE880)

Have a look what the booklet for  
Hex(9CE880) contains.

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**Color**

**Hex(9CE880)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9CE880
RGB	156, 232, 128
RGB Percent	61%, 91%, 50%
CMY	0.3882, 0.0902, 0.4980
CMYK	0.33, 0.00, 0.45, 0.09
HSL	104°, 69%, 71%
HSV	104°, 45%, 91%
XYZ	46.4632, 66.3397, 30.7780
YIQ	197.4200, -11.9120, -48.4560

# Conversions

## Conversions Part 2

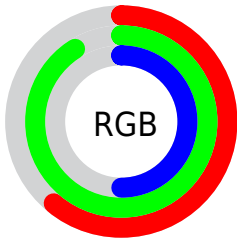
Format	Color
<a href="#">RYB</a>	<a href="#">128, 232, 204</a>
Decimal	<a href="#">10283136</a>
CIELab	<a href="#">85.17, -42.20, 43.17</a>
CIELCh	<a href="#">85, 60.370, 134.346</a>
Yxy	<a href="#">66.3397, 0.3236, 0.4620</a>
Android (android.graphics.Color)	<a href="#">4288473216 (0xFF9CE880)</a>
YUV	<a href="#">197.4200, -34.2241, -36.3253</a>
Hunter-Lab	<a href="#">81.4492, -40.7096, 34.6099</a>

# Details

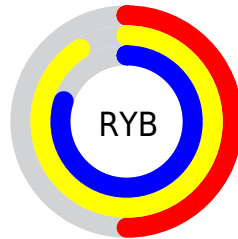
The Hex color **9CE880** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **CC80E8**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **D5FFB6**, and **65B04C** is the 20% darker color. If you saturate the color by 10%, you get **8BE869**, and if you desaturate by 10%, it is **ADE897**.

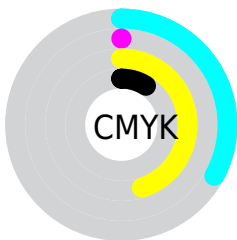
# Distribution



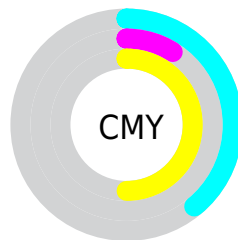
- Red (61%)
- Green (91%)
- Blue (50%)



- Red (50%)
- Yellow (91%)
- Blue (80%)



- Cyan (33%)
- Magenta (0%)
- Yellow (45%)
- Black (9%)



- Cyan (39%)
- Magenta (9%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CE880 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 9CE880 by changing the saturation by 10% instead.



 9CE880

 9CE880

FFFFFF

 80CC66

 D5FFB6

 65B04C

 F2FFD2

 499533

 FFFFEF

 2D7B19

 056100

 004800

 003100

 001B00

 000000

 9CE880

 9CE880

 8BE869

 ADE897

 7AE852

 BEE8AE

 69E83A

 CFE8C6

 58E823

 E0E8DD

 47E80C

 F1E8F4

 3EE800

 FFE8FF

# Harmonies

## Analogous

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



DCDA61



9CE880



3AF0B4

# Triad

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



9CE880



00E3FF



FFA5BB

# Complementary

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



9CE880



CC80E8

# Split Complementary

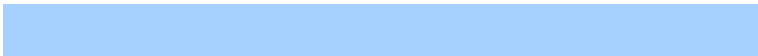
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA9F5



9CE880



A6D1FF

# Square

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



9CE880



00EEFF



FCBBFF



FFB287

# Rectangle

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



9CE880



00F2DC



FCBBFF



FFA4CF

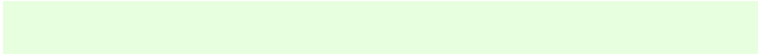


# Sweetspot

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



9CE880



E7FFDE



E8CB80



71806B



000000



808080



# Same Dimension

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



9CE880



9AFF75



80E897



6A7367



30B300



0E3300



# Inverse Universe

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



CC80E8



DA75FF



E880D1



706773



8200B3



250033



# Previews

## White Background



This preview shows how the Hex color 9CE880 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 9CE880 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 9CE880 Background



This preview shows how black text looks on a background with the Hex color 9CE880.

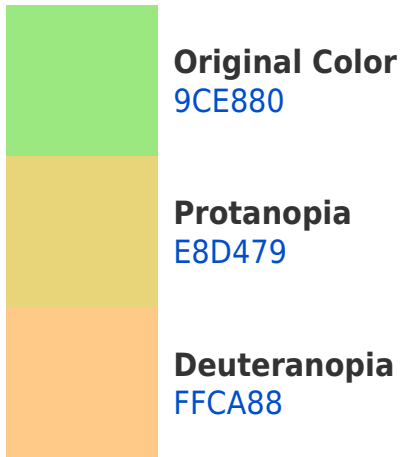


This preview shows how white text looks on a background with the Hex color 9CE880.

# 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

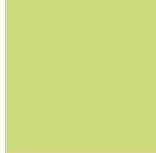




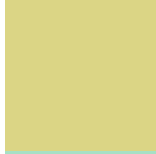
# Trichromacy



**Original Color**  
9CE880



**Protanomaly**  
CCDB7C



**Deuteranomaly**  
DBD585

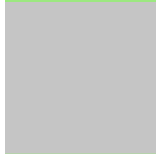


**Tritanomaly**  
A7E0C5

# Monochromacy



**Original Color**  
9CE880



**Achromatopsia**  
C5C5C5



**Achromatomaly**  
B6D2AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CE880 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 #9CE880 looks like.

```
.text, #text, p{  
    color:#9CE880  
}
```

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 #9CE880 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CE880
}
```

## Border

The CSS property to change the border of an element to Hex 9CE880 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
#9CE880 }
```

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

```
.border{ border-color:#9CE880 }
```

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

Here you see how a box with a 4 pixel #9CE880 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CE880; -webkit-box-shadow:4px 4px  
4px 4px #9CE880; box-shadow:4px 4px 4px  
4px #9CE880 }
```

# Background

The CSS property to change the background color of an element to Hex 9CE880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CE880 }
```

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

```
.background{ background-color:#9CE880 }
```

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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