

# Converting Colors

Hex(9CE8D2)

Have a look what the booklet for  
Hex(9CE8D2) contains.

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# Color

**Hex(9CE8D2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CE8D2
RGB	156, 232, 210
RGB Percent	61%, 91%, 82%
CMY	0.3882, 0.0902, 0.1765
CMYK	0.33, 0.00, 0.09, 0.09
HSL	163°, 62%, 76%
HSV	163°, 33%, 91%
XYZ	54.1998, 69.4343, 71.5183
YIQ	206.7680, -38.2340, -22.9540

# Conversions

## Conversions Part 2

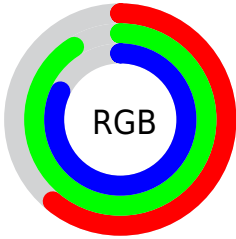
Format	Color
<a href="#">RYB</a>	<a href="#">156, 200, 232</a>
Decimal	<a href="#">10283218</a>
CIELab	<a href="#">86.72, -28.13, 3.25</a>
CIELCh	<a href="#">87, 28.314, 173.413</a>
Yxy	<a href="#">69.4343, 0.2777, 0.3558</a>
Android (android.graphics.Color)	<a href="#">4288473298 (0xFF9CE8D2)</a>
YUV	<a href="#">206.7680, 1.5934, -44.5235</a>
Hunter-Lab	<a href="#">83.3272, -29.7183, 7.4415</a>

# Details

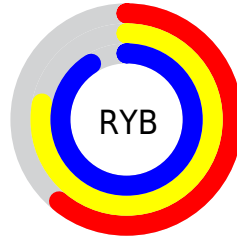
The Hex color **9CE8D2** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E89CB2**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **D4FFFF**, and **66B09C** is the 20% darker color. If you saturate the color by 10%, you get **85E8CB**, and if you desaturate by 10%, it is **B3E8D9**.

# Distribution



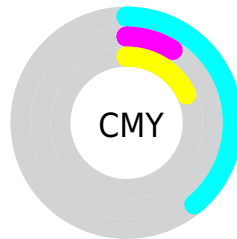
- Red (61%)
- Green (91%)
- Blue (82%)



- Red (61%)
- Yellow (78%)
- Blue (91%)



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



- Cyan (39%)
- Magenta (9%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CE8D2 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 9CE8D2 by changing the saturation by 10% instead.



 9CE8D2

 9CE8D2

FFFFFF

 81CCB6

 D4FFFF

 66B09C

 F2FFFF

 4B9582

 2F7B68

 0E6250

 004A3A

 003224

 001F0F

 000000

 9CE8D2

 9CE8D2

 85E8CB

 B3E8D9

 6EE8C5

 CAE8DF

 56E8BE


 E2E8E6

 3FE8B7

 F9E8ED

 28E8B0

 FFE8F4

 11E8AA

 FFE8FA

 00E8A5

 FFE8FF

# Harmonies

## Analogous

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



B8E5B8



9CE8D2



8CE8ED

# Triad

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



9CE8D2



D6D4FF



FFCDAF

# Complementary

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



9CE8D2



E89CB2

# 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.



FFC7C5



9CE8D2



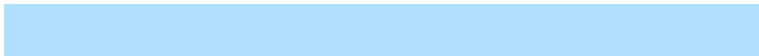
F6CCF9

# Square

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



9CE8D2



B1DDFF



FFC6E0



F3D5A4

# Rectangle

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



9CE8D2



8EE6FD



FFC6E0



FFCAB5

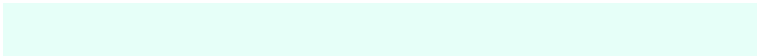


# Sweetspot

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



9CE8D2



E6FFF8



B3E89C



70807B



000000



808080

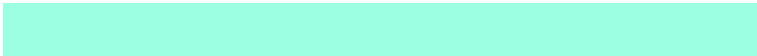


# Same Dimension

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



9CE8D2



9CFFE2



9CD9E8



67736F



00B37F



003324



# Inverse Universe

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



E89CB2



FF9CB8



E8AB9C



73676B



B30034

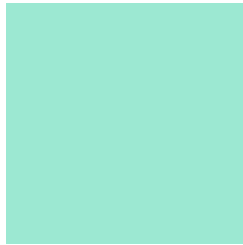


33000F



# Previews

## White Background



This preview shows how the Hex color 9CE8D2 looks on a white background.

## Color Contrast Check

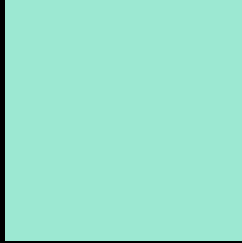
Large Text (above 18pt) WCAG AA × Fail

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 9CE8D2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

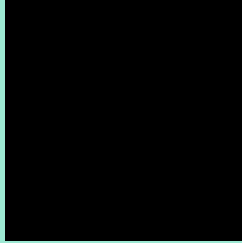
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

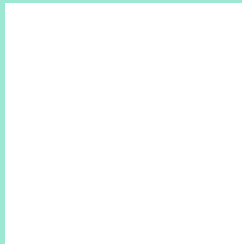
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9CE8D2 Background



This preview shows how black text looks on a background with the Hex color 9CE8D2.

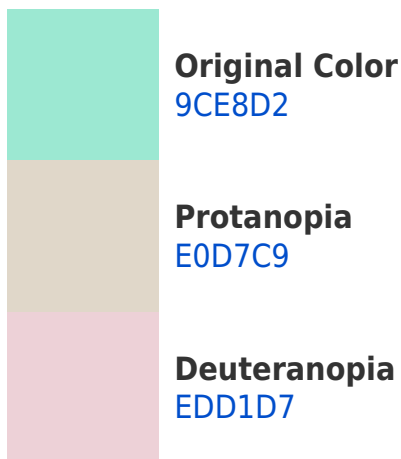


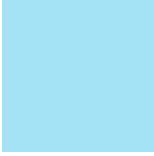
This preview shows how white text looks on a background with the Hex color 9CE8D2.

# 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



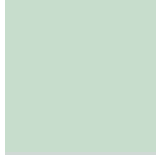


**Tritanopia**  
A4E3F5

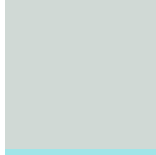
# Trichromacy



**Original Color**  
9CE8D2



**Protanomaly**  
C7DDCC



**Deuteranomaly**  
D0D9D5

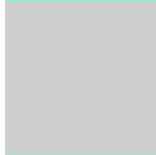


**Tritanomaly**  
A1E5E8

# Monochromacy



**Original Color**  
9CE8D2



**Achromatopsia**  
CFCFCF



**Achromatomaly**  
BCD8D0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CE8D2 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 #9CE8D2 looks like.

```
.text, #text, p{  
    color:#9CE8D2  
}
```

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 #9CE8D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CE8D2  
}
```

## Border

The CSS property to change the border of an element to Hex 9CE8D2 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  
#9CE8D2 }
```

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

```
.border{ border-color:#9CE8D2 }
```

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

Here you see how a box with a 4 pixel #9CE8D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CE8D2; -webkit-box-shadow:4px 4px  
4px 4px #9CE8D2; box-shadow:4px 4px 4px  
4px #9CE8D2 }
```

# Background

The CSS property to change the background color of an element to Hex 9CE8D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CE8D2 }
```

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

```
.background{ background-color:#9CE8D2 }
```

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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