

# Converting Colors

Hex(9EE0CC)

Have a look what the booklet for  
Hex(9EE0CC) contains.

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# **Color**

**Hex(9EE0CC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EE0CC
RGB	158, 224, 204
RGB Percent	62%, 88%, 80%
CMY	0.3804, 0.1216, 0.2000
CMYK	0.29, 0.00, 0.09, 0.12
HSL	162°, 52%, 75%
HSV	162°, 29%, 88%
XYZ	51.6553, 64.9400, 66.9389
YIQ	201.9860, -32.9160, -20.2120

# Conversions

## Conversions Part 2

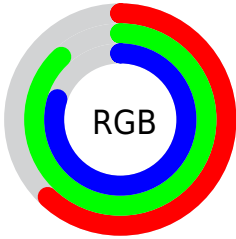
<b>Format</b>	<b>Color</b>
<b>RYB</b>	158, 197, 224
Decimal	10412236
CIELab	84.45, -24.95, 3.13
CIELCh	84, 25.149, 172.841
Yxy	64.9400, 0.2814, 0.3538
Android (android.graphics.Color)	4288602316 (0xFF9EE0CC)
YUV	201.9860, 0.9929, -38.5757
Hunter-Lab	80.5854, -26.6058, 7.1601

# Details

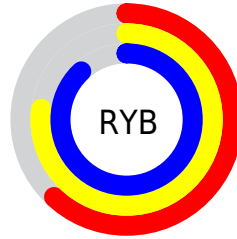
The Hex color **9EE0CC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E09EB2**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **D6FFFF**, and **68A996** is the 20% darker color. If you saturate the color by 10%, you get **88E0C5**, and if you desaturate by 10%, it is **B4E0D3**.

# Distribution



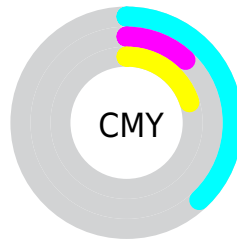
- Red (62%)
- Green (88%)
- Blue (80%)



- Red (62%)
- Yellow (77%)
- Blue (88%)



- Cyan (29%)
- Magenta (0%)
- Yellow (9%)
- Black (12%)



- Cyan (38%)
- Magenta (12%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EE0CC 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 9EE0CC by changing the saturation by 10% instead.



 9EE0CC

 9EE0CC

FFFFFF

 83C4B1

 D6FFFF

 68A996

 F3FFFF

 4E8E7C

 347463

 185B4B

 004335

 002D20

 001808

 000000

 9EE0CC

 9EE0CC

 88E0C5

 B4E0D3

 71E0BE

 CBE0DA

 5BE0B8

 E1E0E0

 44E0B1

 F8E0E7

 2EE0AA

 FFE0EE

 18E0A3

 FFE0F5

 01E09C

 FFE0FC

 00E09C

 FFE0FF

# Harmonies

## Analogous

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



B6DDB5



9EE0CC



91E0E4

# Triad

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



9EE0CC



CFCFFE



FCC8AE

# Complementary

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



9EE0CC



E09EB2

# 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.



FFC3C1



9EE0CC



ECC7F0

# Square

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



9EE0CC



AFD7FF



FFC2D9



EACFA4

# Rectangle

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



9EE0CC



92DEF2



FFC2D9



FFC6B4

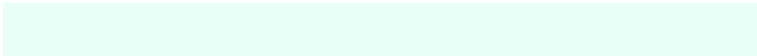


# Sweetspot

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



9EE0CC



E8FFF8



B3E09E



71807B



000000



808080



# Same Dimension

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



9EE0CC



A6FFE4



9ED4E0



65706D



00B07B



003022



# Inverse Universe

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



E09EB2



FFA6C1



E0AA9E



706568



B00035

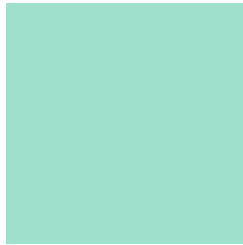


30000F



# Previews

## White Background



This preview shows how the Hex color 9EE0CC looks on a white background.

## Color Contrast Check

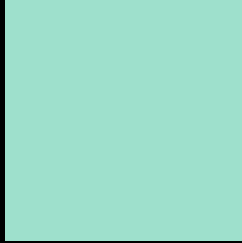
Large Text (above 18pt) WCAG AA × Fail

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 9EE0CC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

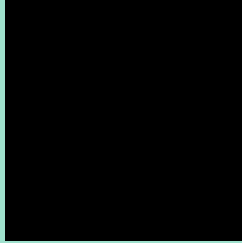
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

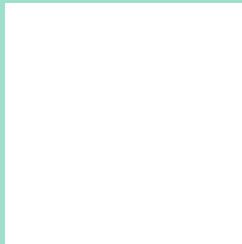
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9EE0CC Background



This preview shows how black text looks on a background with the Hex color 9EE0CC.

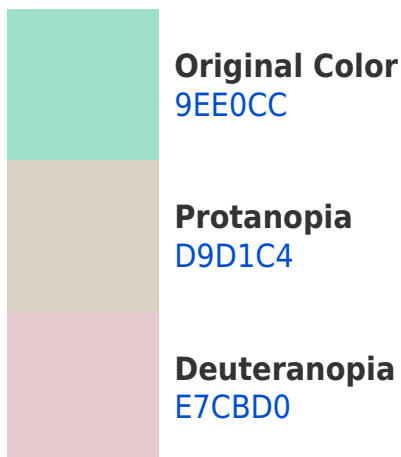


This preview shows how white text looks on a background with the Hex color 9EE0CC.

# 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**  
A5DBED

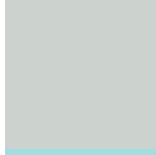
# Trichromacy



**Original Color**  
9EE0CC



**Protanomaly**  
C4D6C7



**Deuteranomaly**  
CCD3CF

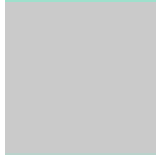


**Tritanomaly**  
A2DDE1

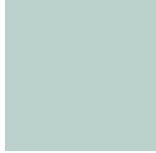
# Monochromacy



**Original Color**  
9EE0CC



**Achromatopsia**  
CACACA



**Achromatomaly**  
BAD2CB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EE0CC 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 #9EE0CC looks like.

```
.text, #text, p{  
    color:#9EE0CC  
}
```

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 #9EE0CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EE0CC  
}
```

## Border

The CSS property to change the border of an element to Hex 9EE0CC 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  
#9EE0CC }
```

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

```
.border{ border-color:#9EE0CC }
```

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

Here you see how a box with a 4 pixel #9EE0CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EE0CC; -webkit-box-shadow:4px 4px  
4px 4px #9EE0CC; box-shadow:4px 4px 4px  
4px #9EE0CC }
```

# Background

The CSS property to change the background color of an element to Hex 9EE0CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EE0CC }
```

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

```
.background{ background-color:#9EE0CC }
```

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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