

Converting Colors

Hex(9EC8C6)

Have a look what the booklet for
Hex(9EC8C6) contains.

Hex(9EC8C6)	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(9EC8C6)

Conversions

Conversions Part 1

Format	Color
Hex	9EC8C6
RGB	158, 200, 198
RGB Percent	62%, 78%, 78%
CMY	0.3804, 0.2157, 0.2235
CMYK	0.21, 0.00, 0.01, 0.22
HSL	177°, 28%, 70%
HSV	177°, 21%, 78%
XYZ	44.9479, 52.6549, 61.2205
YIQ	187.2140, -24.3900, -9.5260

Conversions

Conversions Part 2

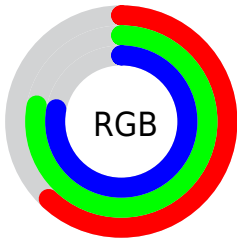
Format	Color
R _Y B	158, 180, 200
Decimal	10406086
CIE Lab	77.67, -14.21, -3.57
CIE LCh	78, 14.648, 194.112
Yxy	52.6549, 0.2830, 0.3315
Android (android.graphics.Color)	4288596166 (0xFF9EC8C6)
YUV	187.2140, 5.3175, -25.6207
Hunter-Lab	72.5637, -16.4188, 0.7728

Details

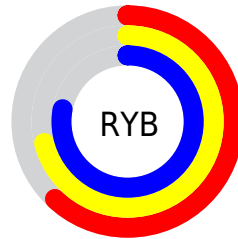
The Hex color **9EC8C6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C89EA0**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **D5FFFF**, and **6A9290** is the 20% darker color. If you saturate the color by 10%, you get **8AC8C5**, and if you desaturate by 10%, it is **B2C8C7**.

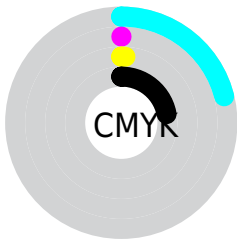
Distribution



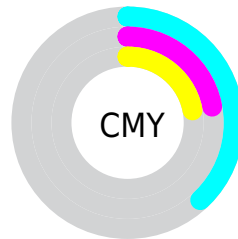
- Red (62%)
- Green (78%)
- Blue (78%)



- Red (62%)
- Yellow (71%)
- Blue (78%)



- Cyan (21%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)



- Cyan (38%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EC8C6 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 9EC8C6 by changing the saturation by 10% instead.

 9EC8C6

 9EC8C6

FFFFFF

 83ADAB

 D5FFFF

 6A9290

 F2FFFF

 507877

 385F5E

 204846

 063130

 001D1B

 000000

 9EC8C6

 9EC8C6

 8AC8C5

 B2C8C7

 76C8C4

 C6C8C8

 62C8C3

 DAC8C9

 4EC8C2

 EEC8CA

 3AC8C1

 FFC8CB

 26C8C0

 FFC8CC

 12C8BF

 FFC8CD

 00C8BE

 FFC8CE

 FFC8CF

Harmonies

Analogous

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



A6C7B8



9EC8C6



9FC7D2

Triad

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



9EC8C6



CABAD4



D2BDA6

Complementary

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



9EC8C6



C89EA0

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.



DBB9AE



9EC8C6



D7B7C8

Square

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



9EC8C6



B9BFDA



DDB7BA



C4C1A6

Rectangle

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



9EC8C6



A5C5D8



DDB7BA



D6BBA8

Sweetspot

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



9EC8C6



F0FFFE



A0C89E



77807F



000000



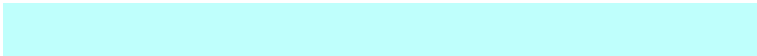
808080

Same Dimension

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



9EC8C6



BFFFFC



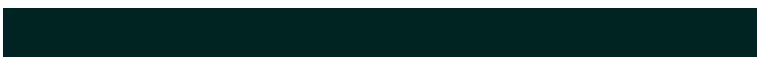
9EB5C8



5A6363



00A39B



002422

Inverse Universe

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



C89EA0



FFBFC2



C8B19E



635A5A



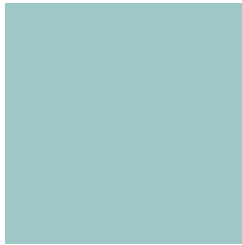
A30008



240002

Previews

White Background



This preview shows how the Hex color 9EC8C6 looks on a white background.

Color Contrast Check

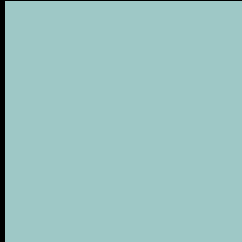
Large Text (above 18pt) WCAG AA × Fail

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 9EC8C6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

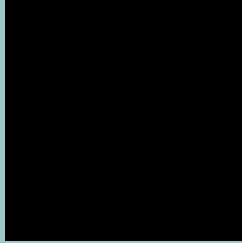
Any Text WCAG AA ✓ Pass

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 9EC8C6 Background



This preview shows how black text looks on a background with the Hex color 9EC8C6.



This preview shows how white text looks on a background with the Hex color 9EC8C6.

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
A1C6D5

Trichromacy



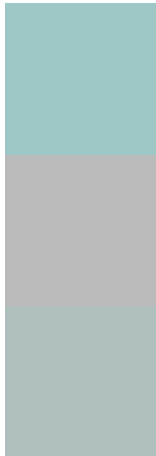
Original Color
9EC8C6

Protanomaly
B5C2C2

Deuteranomaly
BDBFC8

Tritanomaly
A0C7D0

Monochromacy



Original Color
9EC8C6

Achromatopsia
BBBBBB

Achromatomaly
B0C0BF

CSS Examples

Text

The CSS property to change the color of the text to Hex 9EC8C6 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 #9EC8C6 looks like.

```
.text, #text, p{  
    color:#9EC8C6  
}
```

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 #9EC8C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EC8C6  
}
```

Border

The CSS property to change the border of an element to Hex 9EC8C6 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  
#9EC8C6 }
```

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

```
.border{ border-color:#9EC8C6 }
```

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

Here you see how a box with a 4 pixel #9EC8C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EC8C6; -webkit-box-shadow:4px 4px  
4px 4px #9EC8C6; box-shadow:4px 4px 4px  
4px #9EC8C6 }
```

Background

The CSS property to change the background color of an element to Hex 9EC8C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EC8C6 }
```

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

```
.background{ background-color:#9EC8C6 }
```

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