

Converting Colors

Hex(9EA098)

Have a look what the booklet for
Hex(9EA098) contains.

Hex(9EA098)	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(9EA098)

Conversions

Conversions Part 1

Format	Color
Hex	9EA098
RGB	158, 160, 152
RGB Percent	62%, 63%, 60%
CMY	0.3804, 0.3725, 0.4039
CMYK	0.01, 0.00, 0.05, 0.37
HSL	75°, 4%, 61%
HSV	75°, 5%, 63%
XYZ	32.3389, 34.6777, 34.6948
YIQ	158.4900, 1.3760, -2.9120

Conversions

Conversions Part 2

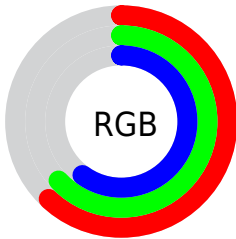
Format	Color
RYB	152, 160, 154
Decimal	10395800
CIELab	65.50, -2.22, 3.91
CIELCh	65, 4.495, 119.614
Yxy	34.6777, 0.3179, 0.3409
Android (android.graphics.Color)	4288585880 (0xFF9EA098)
YUV	158.4900, -3.1996, -0.4297
Hunter-Lab	58.8878, -5.0284, 6.2897

Details

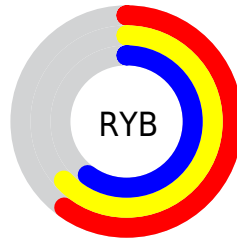
The Hex color **9EA098** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9A98A0**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **D5D7CE**, and **6B6D65** is the 20% darker color. If you saturate the color by 10%, you get **9AA088**, and if you desaturate by 10%, it is **A2A0A8**.

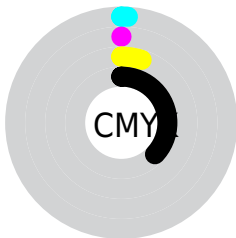
Distribution



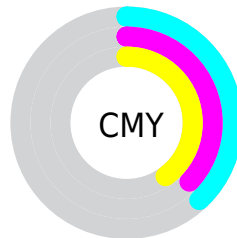
- Red (62%)
- Green (63%)
- Blue (60%)



- Red (60%)
- Yellow (63%)
- Blue (60%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (37%)



- Cyan (38%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EA098 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 9EA098 by changing the saturation by 10% instead.



9EA098



9EA098

FFFFFF



84867E



D5D7CE



6B6D65



F1F3EA



53544D



3B3D36



262721



11130A



000000



9EA098



9EA098



9AA088



A2A0A8

■ 96A078

■ A6A0B8

■ 92A068

■ AAA0C8

■ 8EA058

■ AEA0D8

■ 8AA048

■ B2A0E8

■ 86A038

■ B6A0F8

■ 82A028

■ BAA0FF

■ 7EA018

■ BEA0FF

■ 7AA008

■ C2A0FF

Harmonies

Analogous

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



A39F97



9EA098



99A19B

Triad

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



9EA098



97A1A6



A79C9F

Complementary

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



9EA098



9A98A0

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.



A49DA3



9EA098



9B9FA7

Square

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



9EA098



95A1A3



A09EA6



A89D9B

Rectangle

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



9EA098



97A19D



A09EA6



A79DA1

Sweetspot

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



9EA098



D0D1CD



A09A98



686966



E8E8E8



696969

Same Dimension

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



9EA098



CED1C5



9AA098



4E4F4A



6B8F00



0B0F00

Inverse Universe

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



9A98A0



C8C5D1



9E98A0



4B4A4F



24008F



04000F

Previews

White Background



This preview shows how the Hex color 9EA098 looks on a white background.

Color Contrast Check

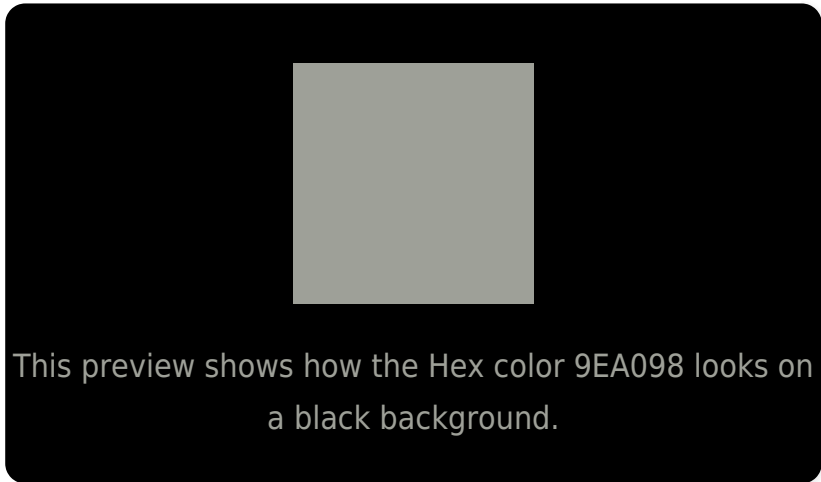
Large Text (above 18pt) WCAG AA × Fail

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

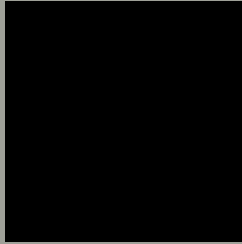
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

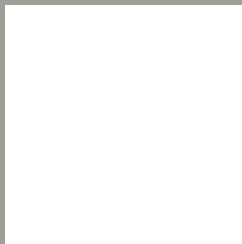
Any Text WCAG AAA ✓ Pass

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

Hex 9EA098 Background



This preview shows how black text looks on a background with the Hex color 9EA098.



This preview shows how white text looks on a background with the Hex color 9EA098.

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



Original Color
9EA098

Protanopia
A49E97

Deuteranopia
B09A99



Tritanopia
A19DAA

Trichromacy



Original Color
9EA098

Protanomaly
A29F97

Deuteranomaly
A99C99

Tritanomaly
A09EA3

Monochromacy



Original Color
9EA098

Achromatopsia
9E9E9E

Achromatomaly
9E9F9C

CSS Examples

Text

The CSS property to change the color of the text to Hex 9EA098 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 #9EA098 looks like.

```
.text, #text, p{  
    color:#9EA098  
}
```

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 #9EA098 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EA098  
}
```

Border

The CSS property to change the border of an element to Hex 9EA098 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  
#9EA098 }
```

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

```
.border{ border-color:#9EA098 }
```

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

Here you see how a box with a 4 pixel #9EA098 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EA098; -webkit-box-shadow:4px 4px  
4px 4px #9EA098; box-shadow:4px 4px 4px  
4px #9EA098 }
```

Background

The CSS property to change the background color of an element to Hex 9EA098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EA098 }
```

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

```
.background{ background-color:#9EA098 }
```

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