

Converting Colors

Hex(9EA78F)

Have a look what the booklet for
Hex(9EA78F) contains.

Hex(9EA78F)	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(9EA78F)

Conversions

Conversions Part 1

Format	Color
Hex	9EA78F
RGB	158, 167, 143
RGB Percent	62%, 65%, 56%
CMY	0.3804, 0.3451, 0.4392
CMYK	0.05, 0.00, 0.14, 0.35
HSL	82°, 12%, 61%
HSV	82°, 14%, 65%
XYZ	32.8772, 36.8897, 31.3742
YIQ	161.5730, 2.3400, -9.3720

Conversions

Conversions Part 2

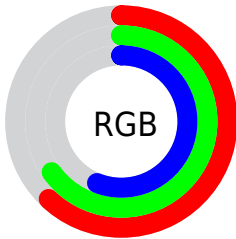
Format	Color
RYB	143, 167, 152
Decimal	10397583
CIELab	67.19, -7.61, 11.34
CIELCh	67, 13.656, 123.869
Yxy	36.8897, 0.3251, 0.3647
Android (android.graphics.Color)	4288587663 (0xFF9EA78F)
YUV	161.5730, -9.1565, -3.1335
Hunter-Lab	60.7369, -9.6666, 11.8890

Details

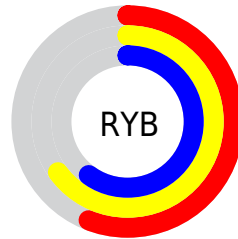
The Hex color **9EA78F** is a light color, and the websafe version is hex **999999**. A complement of this color would be **988FA7**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **D5DEC5**, and **6B735D** is the 20% darker color. If you saturate the color by 10%, you get **98A77E**, and if you desaturate by 10%, it is **A4A7A0**.

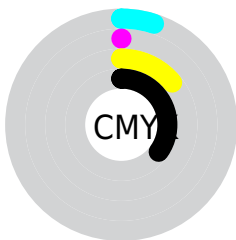
Distribution



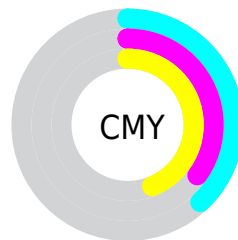
- Red (62%)
- Green (65%)
- Blue (56%)



- Red (56%)
- Yellow (65%)
- Blue (60%)



- Cyan (5%)
- Magenta (0%)
- Yellow (14%)
- Black (35%)



- Cyan (38%)
- Magenta (35%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EA78F 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 9EA78F by changing the saturation by 10% instead.



9EA78F



9EA78F

FFFFFF



848D75



D5DEC5



6B735D



F1FBE1



525B45

FFFFFFD



3B432F



252D1A



121900



000000



9EA78F



9EA78F



98A77E



A4A7A0

 91A76E

 ABA7B0

 8BA75D

 B1A7C1

 85A74C

 B7A7D2

 7FA73B

 BDA7E2

 78A72B

 C4A7F3

 72A71A

 CAA7FF

 6CA709

 D0A7FF

 68A700

 D6A7FF

Harmonies

Analogous

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



ACA38B



9EA78F



90AA98

Triad

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



9EA78F



8BA8B9



BD9BA2

Complementary

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



9EA78F



988FA7

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.



B59DAF



9EA78F



98A4BC

Square

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



9EA78F



84AAB1



A8A0B8



BD9C96

Rectangle

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



9EA78F



89ABA0



A8A0B8



BB9BA7

Sweetspot

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



9EA78F



D5D9D0



A7988F



6C6E68



EDEDED



6E6E6E

Same Dimension

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



9EA78F



CBD9B4



92A78F



51544C



5C9400



0D1400

Inverse Universe

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



988FA7



C2B4D9



A48FA7



4F4C54



370094



080014

Previews

White Background



This preview shows how the Hex color 9EA78F looks on a white background.

Color Contrast Check

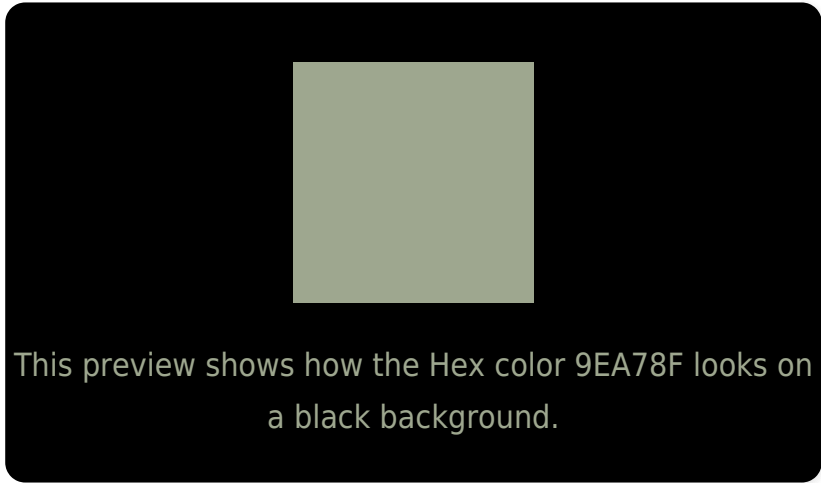
Large Text (above 18pt) WCAG AA × Fail

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

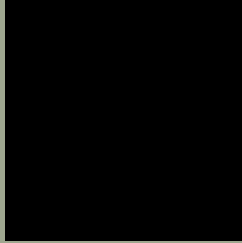
Any Text WCAG AA ✓ Pass

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 9EA78F Background



This preview shows how black text looks on a background with the Hex color 9EA78F.



This preview shows how white text looks on a background with the Hex color 9EA78F.

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
9EA78F

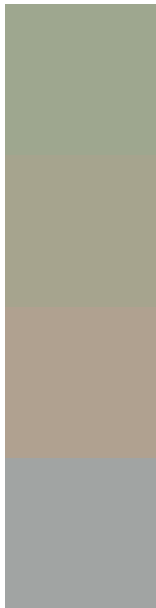
Protanopia
ABA38D

Deuteranopia
BA9D91



Tritanopia
A3A2AF

Trichromacy



Original Color
9EA78F

Protanomaly
A6A48E

Deuteranomaly
B0A190

Tritanomaly
A1A4A3

Monochromacy



Original Color
9EA78F

Achromatopsia
A2A2A2

Achromatomaly
A1A49B

CSS Examples

Text

The CSS property to change the color of the text to Hex 9EA78F 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 #9EA78F looks like.

```
.text, #text, p{  
    color:#9EA78F  
}
```

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 #9EA78F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EA78F
}
```

Border

The CSS property to change the border of an element to Hex 9EA78F 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
#9EA78F }
```

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

```
.border{ border-color:#9EA78F }
```

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

Here you see how a box with a 4 pixel #9EA78F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EA78F; -webkit-box-shadow:4px 4px  
4px 4px #9EA78F; box-shadow:4px 4px 4px  
4px #9EA78F }
```

Background

The CSS property to change the background color of an element to Hex 9EA78F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EA78F }
```

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

```
.background{ background-color:#9EA78F }
```

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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