

# Converting Colors

Hex(97A4A4)

Have a look what the booklet for  
Hex(97A4A4) contains.

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# **Color**

**Hex(97A4A4)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 97A4A4                     |
| RGB         | 151, 164, 164              |
| RGB Percent | 59%, 64%, 64%              |
| CMY         | 0.4078, 0.3569, 0.3569     |
| CMYK        | 0.08, 0.00, 0.00, 0.36     |
| HSL         | 180°, 7%, 62%              |
| HSV         | 180°, 8%, 64%              |
| XYZ         | 32.7388, 35.8106, 40.3086  |
| YIQ         | 160.1130, -7.7480, -2.7560 |

# Conversions

## Conversions Part 2

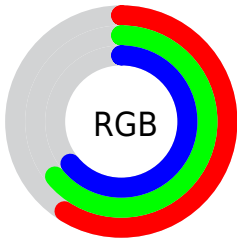
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>RYB</b>                          | 151, 158, 164                |
| Decimal                             | 9938084                      |
| CIELab                              | 66.37, -4.57, -1.58          |
| CIELCh                              | 66, 4.838, 199.078           |
| Yxy                                 | 35.8106, 0.3007,<br>0.3290   |
| Android<br>(android.graphics.Color) | 4288128164<br>(0xFF97A4A4)   |
| YUV                                 | 160.1130, 1.9163,<br>-7.9921 |
| Hunter-Lab                          | 59.8419, -7.0682,<br>1.9526  |

# Details

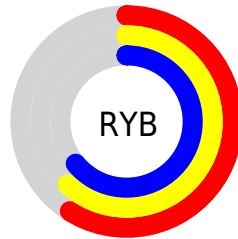
The Hex color **97A4A4** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A49797**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **CDDDBD**, and **647070** is the 20% darker color. If you saturate the color by 10%, you get **87A4A4**, and if you desaturate by 10%, it is **A7A4A4**.

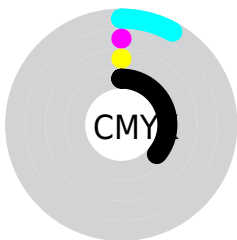
# Distribution



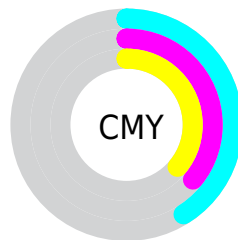
- Red (59%)
- Green (64%)
- Blue (64%)



- Red (59%)
- Yellow (62%)
- Blue (64%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (36%)



- Cyan (41%)
- Magenta (36%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97A4A4 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 97A4A4 by changing the saturation by 10% instead.





97A4A4



97A4A4

FFFFFF



7D8A8A



CDDDBD



647070



E9F7F7



4C5858



354141



202B2B



0A1616



000000



97A4A4



97A4A4



87A4A4



A7A4A4

76A4A4

B8A4A4

66A4A4

C8A4A4

55A4A4

D9A4A4

45A4A4

E9A4A4

35A4A4

F9A4A4

24A4A4

FFA4A4

14A4A4

03A4A4

# Harmonies

## Analogous

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



99A4A0



97A4A4



98A3A8

# Triad

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



97A4A4



A69FA7



A7A199

# Complementary

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



97A4A4



A49797

# 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.



AA9F9B



97A4A4



A99FA3

# Square

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



97A4A4



A0A1AA



AB9F9F



A2A299

# Rectangle

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



97A4A4



9AA3A9



AB9F9F



A8A099



# Sweetspot

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



97A4A4



D2D6D6



97A497



696B6B



EBEBEB



6B6B6B



# Same Dimension

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



97A4A4



C1D6D6



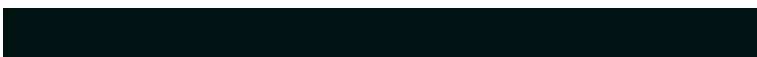
979DA4



495252



009191



001212



# Inverse Universe

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



A497A4



D6C1D6



A49D97



524952



910091

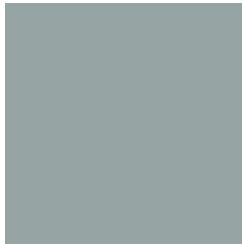


120012



# Previews

## White Background



This preview shows how the Hex color 97A4A4 looks on a white background.

## Color Contrast Check

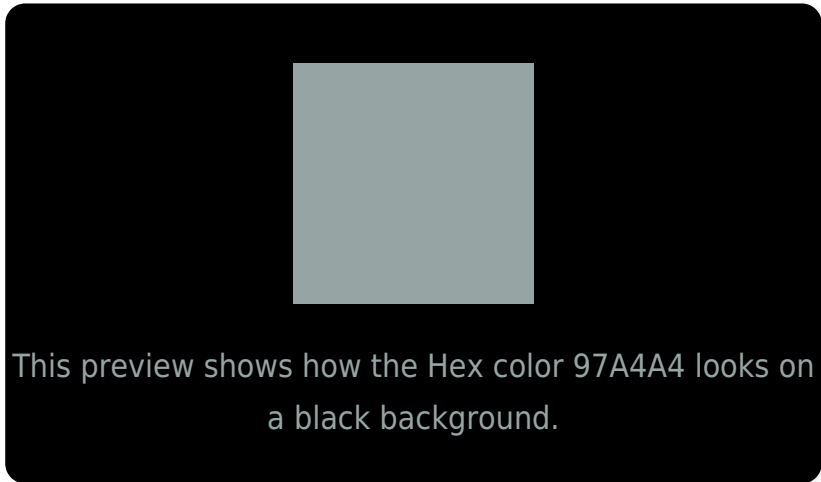
Large Text (above 18pt) WCAG AA × Fail

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

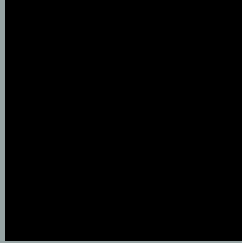
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

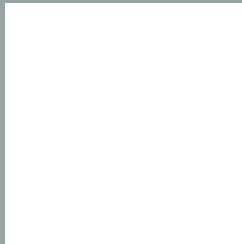
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 97A4A4 Background



This preview shows how black text looks on a background with the Hex color 97A4A4.



This preview shows how white text looks on a background with the Hex color 97A4A4.

# 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**  
97A4A4

**Protanopia**  
A4A0A2

**Deuteranopia**  
AF9CA6



**Tritanopia**  
99A2AF

# Trichromacy



**Original Color**  
97A4A4

**Protanomaly**  
9FA1A3

**Deuteranomaly**  
A69FA5

**Tritanomaly**  
98A3AB

# Monochromacy



**Original Color**  
97A4A4

**Achromatopsia**  
A0A0A0

**Achromatomaly**  
9DA1A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97A4A4 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 #97A4A4 looks like.

```
.text, #text, p{  
    color:#97A4A4  
}
```

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 #97A4A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97A4A4
}
```

## Border

The CSS property to change the border of an element to Hex 97A4A4 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
#97A4A4 }
```

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

```
.border{ border-color:#97A4A4 }
```

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

Here you see how a box with a 4 pixel #97A4A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97A4A4; -webkit-box-shadow:4px 4px  
4px 4px #97A4A4; box-shadow:4px 4px 4px  
4px #97A4A4 }
```

# Background

The CSS property to change the background color of an element to Hex 97A4A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97A4A4 }
```

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

```
.background{ background-color:#97A4A4 }
```

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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