

# Converting Colors

Hex(97998B)

Have a look what the booklet for  
Hex(97998B) contains.

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# **Color**

**Hex(97998B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	97998B
RGB	151, 153, 139
RGB Percent	59%, 60%, 55%
CMY	0.4078, 0.4000, 0.4549
CMYK	0.01, 0.00, 0.09, 0.40
HSL	69°, 6%, 57%
HSV	69°, 9%, 60%
XYZ	28.8139, 31.2259, 28.9346
YIQ	150.8060, 3.3020, -4.7780

# Conversions

## Conversions Part 2

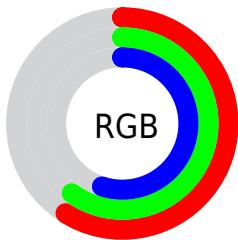
<b>Format</b>	<b>Color</b>
<b>RYB</b>	139, 153, 141
Decimal	9935243
CIELab	62.70, -3.33, 7.10
CIElCh	63, 7.845, 115.112
Yxy	31.2259, 0.3238, 0.3510
Android (android.graphics.Color)	4288125323 (0xFF97998B)
YUV	150.8060, -5.8204, 0.1701
Hunter-Lab	55.8801, -5.7487, 8.4158

# Details

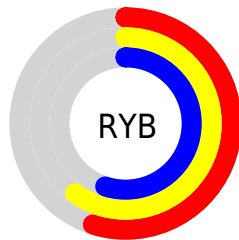
The Hex color **97998B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8D8B99**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **CDCFC0**, and **646659** is the 20% darker color. If you saturate the color by 10%, you get **95997C**, and if you desaturate by 10%, it is **99999A**.

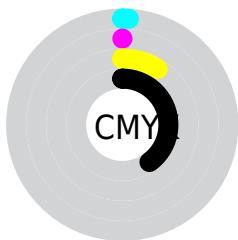
# Distribution



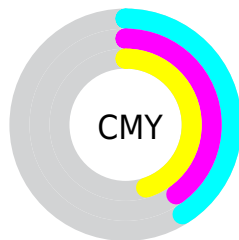
- Red (59%)
- Green (60%)
- Blue (55%)



- Red (55%)
- Yellow (60%)
- Blue (55%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (40%)



- Cyan (41%)
- Magenta (40%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97998B 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 97998B by changing the saturation by 10% instead.





97998B



97998B

FFFFFF



7D7F72



CDCFC0



646659



E9ECDC



4C4E42



FFFFFF9



35372C



202217



070C00



000000



97998B



97998B



95997C



99999A

93996C

9B99AA

90995D

9E99B9

8E994E

A099C8

8C993F

A299D7

8A992F

A499E7

889920

A699F6

869911

A899FF

839901

AB99FF

# Harmonies

## Analogous

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



9F978A



97998B



8F9B90

# Triad

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



97998B



899BA3



A59399

# Complementary

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



97998B



8D8B99

# 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.



A094A0



97998B



8F99A5

# Square

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



97998B



869C9D



9896A4



A79392

# Rectangle

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



97998B



8B9C94



9896A4



A4939B



# Sweetspot

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



97998B



C6C7C1



998D8B



63635F



E3E3E3



636363



# Same Dimension

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



97998B



C4C7B1



90998B



4B4D45



788C00



0B0D00



# Inverse Universe

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



8D8B99



B4B1C7



948B99



46454D



14008C



02000D



# Previews

## White Background



This preview shows how the Hex color 97998B looks on a white background.

## Color Contrast Check

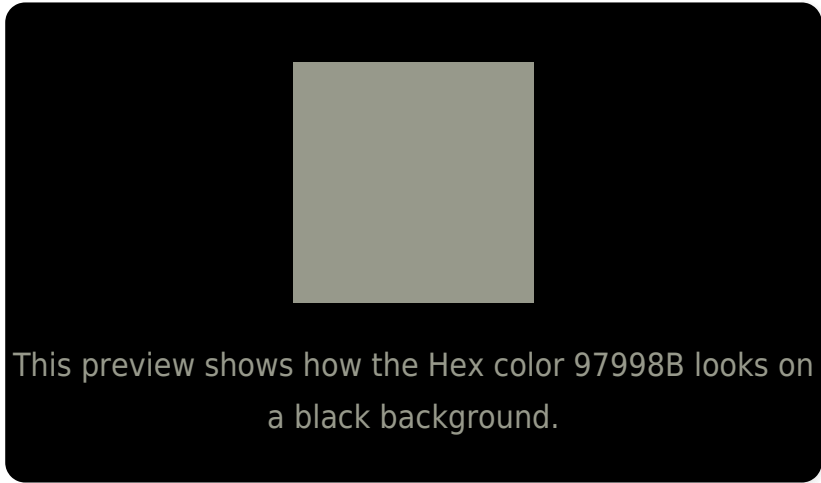
Large Text (above 18pt) WCAG AA × Fail

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

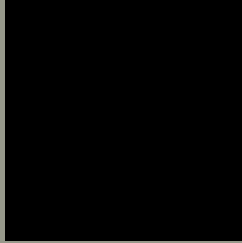
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

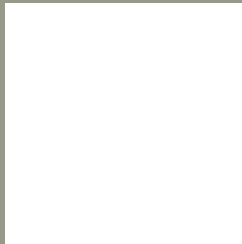
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 97998B Background



This preview shows how black text looks on a background with the Hex color 97998B.



This preview shows how white text looks on a background with the Hex color 97998B.

# 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**  
97998B

**Protanopia**  
9D978A

**Deuteranopia**  
AA928C



**Tritanopia**  
9A96A2

# Trichromacy



**Original Color**  
97998B

**Protanomaly**  
9B988A

**Deuteranomaly**  
A3958C

**Tritanomaly**  
99979A

# Monochromacy



**Original Color**  
97998B

**Achromatopsia**  
979797

**Achromatomaly**  
979893

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97998B 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 #97998B looks like.

```
.text, #text, p{  
    color:#97998B  
}
```

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 #97998B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97998B
}
```

## Border

The CSS property to change the border of an element to Hex 97998B 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
#97998B }
```

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

```
.border{ border-color:#97998B }
```

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

Here you see how a box with a 4 pixel #97998B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97998B; -webkit-box-shadow:4px 4px  
4px 4px #97998B; box-shadow:4px 4px 4px  
4px #97998B }
```

# Background

The CSS property to change the background color of an element to Hex 97998B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97998B }
```

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

```
.background{ background-color:#97998B }
```

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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