

# Converting Colors

Hex(999B97)

Have a look what the booklet for  
Hex(999B97) contains.

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# **Color**

**Hex(999B97)**

# Conversions

## Conversions Part 1

Format	Color
Hex	999B97
RGB	153, 155, 151
RGB Percent	60%, 61%, 59%
CMY	0.4000, 0.3922, 0.4078
CMYK	0.01, 0.00, 0.03, 0.39
HSL	90°, 2%, 60%
HSV	90°, 3%, 61%
XYZ	30.4441, 32.4494, 33.9369
YIQ	153.9460, 0.0920, -1.6680

# Conversions

## Conversions Part 2

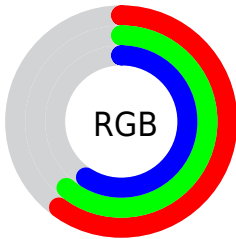
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 155, 153
Decimal	10066839
CIELab	63.71, -1.48, 1.83
CIELCh	64, 2.359, 129.001
Yxy	32.4494, 0.3144, 0.3351
Android (android.graphics.Color)	4288256919 (0xFF999B97)
YUV	153.9460, -1.4524, -0.8296
Hunter-Lab	56.9643, -4.2897, 4.5526

# Details

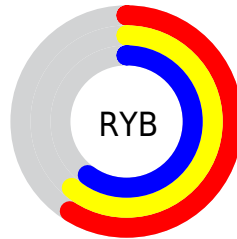
The Hex color **999B97** is a light color, and the websafe version is hex **999999**. A complement of this color would be **99979B**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **CFD1CD**, and **666864** is the 20% darker color. If you saturate the color by 10%, you get **919B88**, and if you desaturate by 10%, it is **A19BA7**.

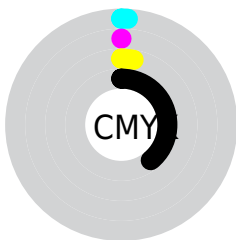
# Distribution



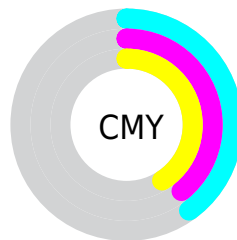
- Red (60%)
- Green (61%)
- Blue (59%)



- Red (59%)
- Yellow (61%)
- Blue (60%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (39%)



- Cyan (40%)
- Magenta (39%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 999B97 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 999B97 by changing the saturation by 10% instead.





999B97



999B97

FFFFFF



7F817D



CFD1CD



666864



ECEEE9



4E504C



373936



222420



0C0E09



000000



999B97



999B97



919B88



A19BA7

8A9B78

A99BB6

829B69

B09BC6

7A9B59

B89BD5

729B4A

C09BE5

6A9B3A

C89BF4

639B2A

CF9BFF

5B9B1B

D79BFF

539B0C

DF9BFF

# Harmonies

## Analogous

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



9B9A96



999B97



979B99

# Triad

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



999B97



979B9E



9F999A

# Complementary

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



999B97



99979B

# 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.



9E999C



999B97



999A9E

# Square

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



999B97



969B9D



9C9A9E



9F9998

# Rectangle

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



999B97



969C9A



9C9A9E



9F999A



# Sweetspot

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



999B97



C8C9C7



9B9997



656665



E6E6E6



666666



# Same Dimension

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



999B97



C6C9C3



979B97



4B4D49



468C00



060D00



# Inverse Universe

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



99979B



C6C3C9



9B979B



4B494D



46008C



06000D



# Previews

## White Background



This preview shows how the Hex color 999B97 looks on a white background.

## Color Contrast Check

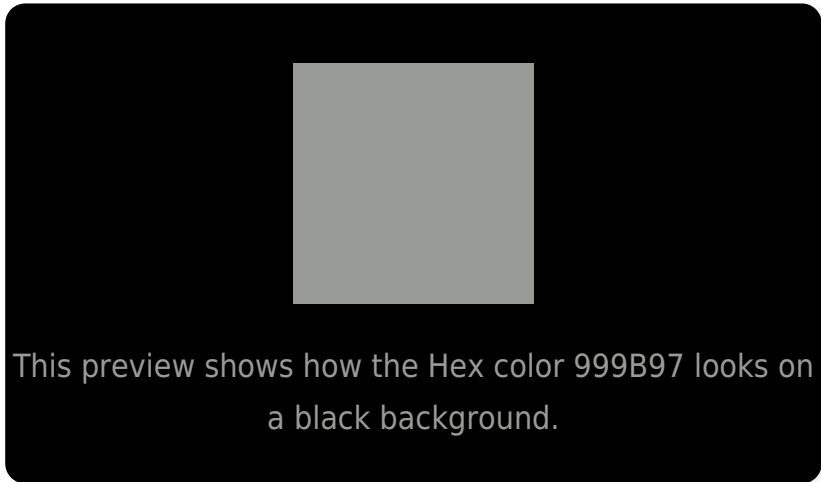
Large Text (above 18pt) WCAG AA × Fail

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

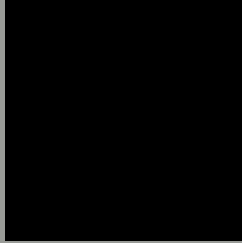
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

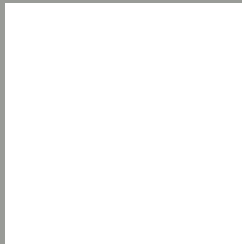
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 999B97 Background



This preview shows how black text looks on a background with the Hex color 999B97.



This preview shows how white text looks on a background with the Hex color 999B97.

# 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**  
999B97

**Protanopia**  
9E9A96

**Deuteranopia**  
AA9598



**Tritanopia**  
9B99A5

# Trichromacy



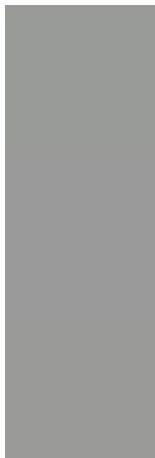
**Original Color**  
999B97

**Protanomaly**  
9C9A96

**Deuteranomaly**  
A49798

**Tritanomaly**  
9A9AA0

# Monochromacy



**Original Color**  
999B97

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
9A9A99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 999B97 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 #999B97 looks like.

```
.text, #text, p{  
    color:#999B97  
}
```

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 #999B97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #999B97
}
```

## Border

The CSS property to change the border of an element to Hex 999B97 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
#999B97 }
```

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

```
.border{ border-color:#999B97 }
```

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

Here you see how a box with a 4 pixel #999B97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #999B97; -webkit-box-shadow:4px 4px  
4px 4px #999B97; box-shadow:4px 4px 4px  
4px #999B97 }
```

# Background

The CSS property to change the background color of an element to Hex 999B97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#999B97 }
```

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

```
.background{ background-color:#999B97 }
```

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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