

# Converting Colors

Hex(998D82)

Have a look what the booklet for  
Hex(998D82) contains.

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**Color**

**Hex(998D82)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	998D82
RGB	153, 141, 130
RGB Percent	60%, 55%, 51%
CMY	0.4000, 0.4471, 0.4902
CMYK	0.00, 0.08, 0.15, 0.40
HSL	29°, 10%, 55%
HSV	29°, 15%, 60%
XYZ	26.6910, 27.4338, 25.0076
YIQ	143.3340, 10.6830, -0.8770

# Conversions

## Conversions Part 2

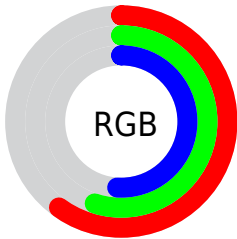
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 151, 130
Decimal	10063234
CIELab	59.37, 2.54, 7.47
CIElCh	59, 7.893, 71.239
Yxy	27.4338, 0.3373, 0.3467
Android (android.graphics.Color)	4288253314 (0xFF998D82)
YUV	143.3340, -6.5737, 8.4771
Hunter-Lab	52.3773, -0.6981, 8.3560

# Details

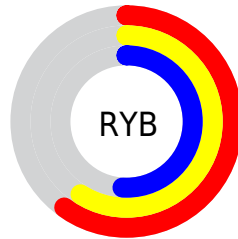
The Hex color **998D82** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **828E99**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **CFC3B7**, and **665B51** is the 20% darker color. If you saturate the color by 10%, you get **998573**, and if you desaturate by 10%, it is **999591**.

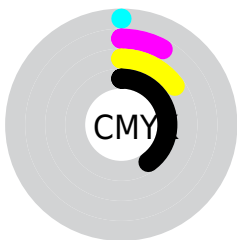
# Distribution



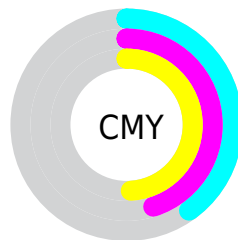
- Red (60%)
- Green (55%)
- Blue (51%)



- Red (60%)
- Yellow (59%)
- Blue (51%)



- Cyan (0%)
- Magenta (8%)
- Yellow (15%)
- Black (40%)



- Cyan (40%)
- Magenta (45%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 998D82 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 998D82 by changing the saturation by 10% instead.



 998D82

 998D82

FFFFFF

 7F7369

 CFC3B7

 665B51

 ECDED3

 4E443A

 FFFBEF

 372D24

 21190F

 000000

 998D82

 998D82

 998573

 999591

 997D63

 999DA1

 997554

 99A5B0

 996D45

 99ADB0

 996535

 99B5CF

 995D26

 99BDDE

 995517

 99C5ED

 994D08

 99CDFC

 994900

 99D5FF

# Harmonies

## Analogous

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



9D8B86



998D82



928F81

# Triad

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



998D82



7E9391



948C99

# Complementary

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



998D82



828E99

# 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.



8B8F9C



998D82



7E9298

# Square

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



998D82



83938A



83919C



9A8B94

# Rectangle

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



998D82



8D9183



83919C



918D9B



# Sweetspot

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



998D82



C7C2BD



99828E



63605D



E3E3E3



636363



# Same Dimension

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



998D82



C7B4A3



999882



4D4945



8C4300



0D0600



# Inverse Universe

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



828E99



A3B6C7



828399



45494D



00498C



00070D



# Previews

## White Background



This preview shows how the Hex color 998D82 looks on a white background.

## Color Contrast Check

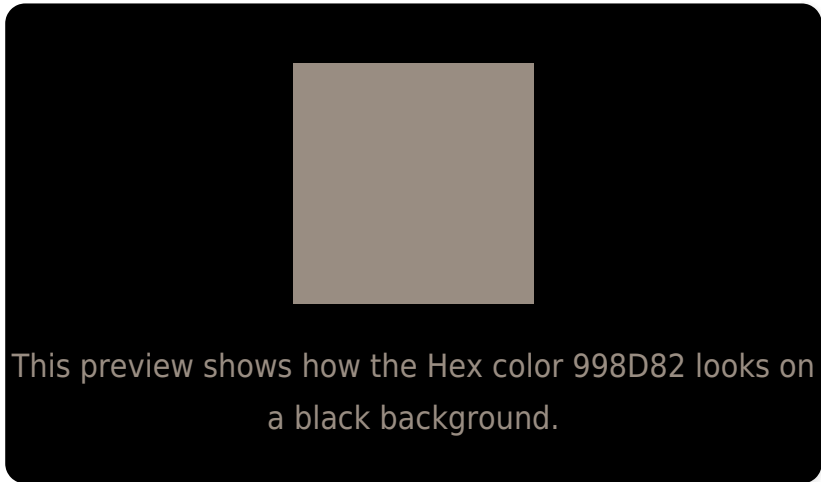
Large Text (above 18pt) WCAG AA ✓ Pass

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

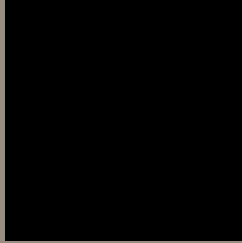
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

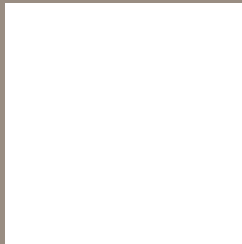
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 998D82 Background



This preview shows how black text looks on a background with the Hex color 998D82.

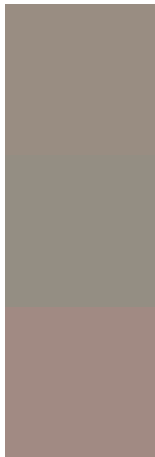


This preview shows how white text looks on a background with the Hex color 998D82.

# 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**  
998D82

**Protanopia**  
948E83

**Deuteranopia**  
A18A83



**Tritanopia**  
9C8A95

# Trichromacy



**Original Color**  
998D82

**Protanomaly**  
968E83

**Deuteranomaly**  
9E8B83

**Tritanomaly**  
9B8B8E

# Monochromacy



**Original Color**  
998D82

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
938E8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 998D82 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 #998D82 looks like.

```
.text, #text, p{  
    color:#998D82  
}
```

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 #998D82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #998D82
}
```

## Border

The CSS property to change the border of an element to Hex 998D82 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
#998D82 }
```

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

```
.border{ border-color:#998D82 }
```

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

Here you see how a box with a 4 pixel #998D82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #998D82; -webkit-box-shadow:4px 4px  
4px 4px #998D82; box-shadow:4px 4px 4px  
4px #998D82 }
```

# Background

The CSS property to change the background color of an element to Hex 998D82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#998D82 }
```

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

```
.background{ background-color:#998D82 }
```

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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