

# Converting Colors

Hex(998558)

Have a look what the booklet for  
Hex(998558) contains.

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**Color**

**Hex(998558)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	998558
RGB	153, 133, 88
RGB Percent	60%, 52%, 35%
CMY	0.4000, 0.4784, 0.6549
CMYK	0.00, 0.13, 0.42, 0.40
HSL	42°, 27%, 47%
HSV	42°, 42%, 60%
XYZ	23.2858, 24.2519, 12.6863
YIQ	133.8500, 26.3650, -9.7550

# Conversions

## Conversions Part 2

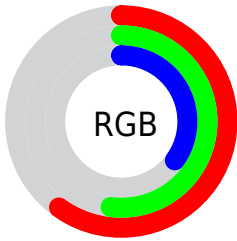
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 153, 88
Decimal	10061144
CIELab	56.34, 1.06, 27.04
CIELCh	56, 27.060, 87.762
Yxy	24.2519, 0.3867, 0.4027
Android (android.graphics.Color)	4288251224 (0xFF998558)
YUV	133.8500, -22.6040, 16.7946
Hunter-Lab	49.2463, -1.7781, 19.1987

# Details

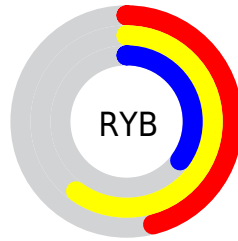
The Hex color **998558** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **586C99**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **D0BA8A**, and **645429** is the 20% darker color. If you saturate the color by 10%, you get **998049**, and if you desaturate by 10%, it is **998A67**.

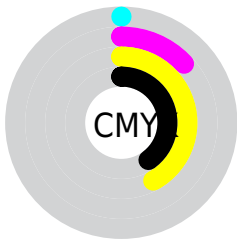
# Distribution



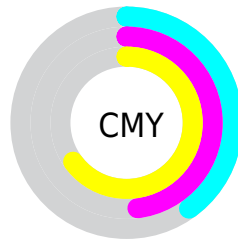
- Red (60%)
- Green (52%)
- Blue (35%)



- Red (46%)
- Yellow (60%)
- Blue (35%)



- Cyan (0%)
- Magenta (13%)
- Yellow (42%)
- Black (40%)



- Cyan (40%)
- Magenta (48%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 998558 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 998558 by changing the saturation by 10% instead.



 998558

 998558

FFFFFF

 7E6C40

 D0BA8A

 645429

 EDD6A5

 4B3D13

 FFF2C0

 342700

 FFFFDC

 1C1300

 FFFFF9

 000000

 998558

 998558

 998049

 998A67

 997C39

 998E77

■ 99772A

■ 999386

■ 99721B

■ 999895

■ 996D0B

■ 999DA4

■ 996A00

■ 99A1B4

■ 99A6C3

■ 99ABD2

■ 99AFE2

# Harmonies

## Analogous

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



AC7D60



998558



818C5D

# Triad

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



998558



38939C



A37AA1

# Complementary

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



998558



586C99

# 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.



8882B1



998558



4390AE

# Square

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



998558



4A9484



658AB6



B3768A

# Rectangle

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



998558



6E9067



658AB6



9B7CA7



# Sweetspot

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



998558



C7BFAD



99586D



635F54



E3E3E3



636363



# Same Dimension

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



998558



C7A861



8D9958



4D4A45



8C6100



0D0900



# Inverse Universe

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



586C99



6181C7



645899



45474D



002B8C



00040D



# Previews

## White Background



This preview shows how the Hex color 998558 looks on a white background.

## Color Contrast Check

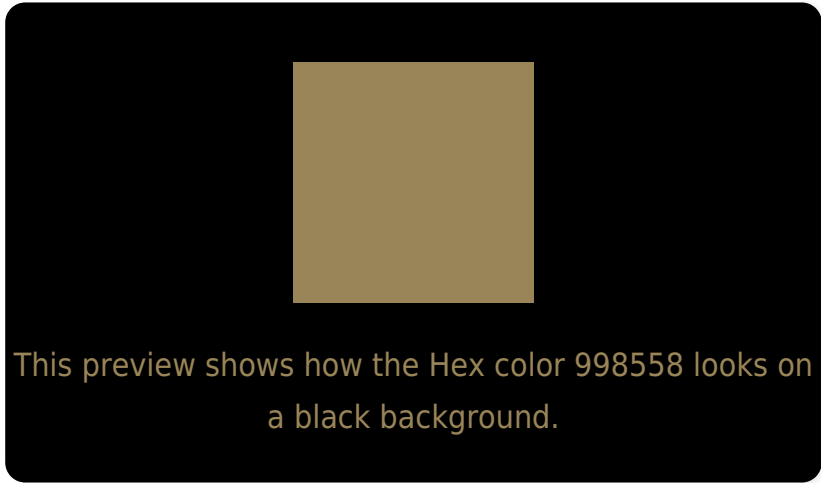
Large Text (above 18pt) WCAG AA ✓ Pass

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

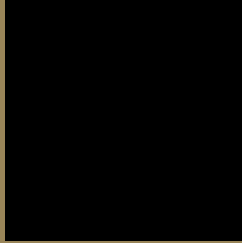
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 998558 Background



This preview shows how black text looks on a background with the Hex color 998558.



This preview shows how white text looks on a background with the Hex color 998558.

# 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**  
998558

**Protanopia**  
938759

**Deuteranopia**  
A28159



**Tritanopia**  
9E7F89

# Trichromacy



**Original Color**  
998558

**Protanomaly**  
958659

**Deuteranomaly**  
9F8259

**Tritanomaly**  
9C8177

# Monochromacy



**Original Color**  
998558

**Achromatopsia**  
868686

**Achromatomaly**  
8D8675

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 998558 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 #998558 looks like.

```
.text, #text, p{  
    color:#998558  
}
```

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 #998558 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #998558
}
```

## Border

The CSS property to change the border of an element to Hex 998558 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
#998558 }
```

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

```
.border{ border-color:#998558 }
```

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

Here you see how a box with a 4 pixel #998558 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #998558; -webkit-box-shadow:4px 4px  
4px 4px #998558; box-shadow:4px 4px 4px  
4px #998558 }
```

# Background

The CSS property to change the background color of an element to Hex 998558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#998558 }
```

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

```
.background{ background-color:#998558 }
```

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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