

# Converting Colors

Hex(999684)

Have a look what the booklet for  
Hex(999684) contains.

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# **Color**

**Hex(999684)**

# Conversions

## Conversions Part 1

Format	Color
Hex	999684
RGB	153, 150, 132
RGB Percent	60%, 59%, 52%
CMY	0.4000, 0.4118, 0.4824
CMYK	0.00, 0.02, 0.14, 0.40
HSL	51°, 9%, 56%
HSV	51°, 14%, 60%
XYZ	28.2081, 30.2509, 26.1821
YIQ	148.8450, 7.5660, -4.9620

# Conversions

## Conversions Part 2

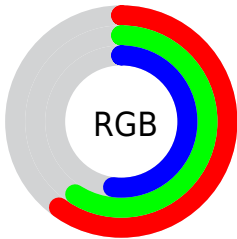
<b>Format</b>	<b>Color</b>
<b>RYB</b>	136, 153, 132
Decimal	10065540
CIELab	61.87, -2.13, 9.89
CIELCh	62, 10.117, 102.167
Yxy	30.2509, 0.3333, 0.3574
Android (android.graphics.Color)	4288255620 (0xFF999684)
YUV	148.8450, -8.3046, 3.6439
Hunter-Lab	55.0009, -4.7049, 10.2767

# Details

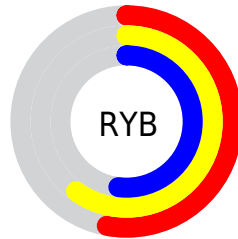
The Hex color **999684** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **848799**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **CFCCB9**, and **666353** is the 20% darker color. If you saturate the color by 10%, you get **999475**, and if you desaturate by 10%, it is **999893**.

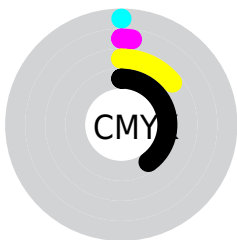
# Distribution



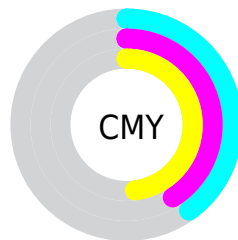
- Red (60%)
- Green (59%)
- Blue (52%)



- Red (53%)
- Yellow (60%)
- Blue (52%)



- Cyan (0%)
- Magenta (2%)
- Yellow (14%)
- Black (40%)



- Cyan (40%)
- Magenta (41%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 999684 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 999684 by changing the saturation by 10% instead.





999684



999684

FFFFFF



7F7C6B



CFCCB9



666353



ECE8D5



4E4B3B



FFFFF1



373526



212011



050800



000000



999684



999684



999475



999893

■ 999265

■ 999AA3

■ 998F56

■ 999DB2

■ 998D47

■ 999FC1

■ 998B38

■ 99A1D1

■ 998928

■ 99A3E0

■ 998719

■ 99A5EF

■ 99850A

■ 99A7FE

■ 998300

■ 99AAFF

# Harmonies

## Analogous

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



A29385



999684



8F9988

# Triad

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



999684



809AA1



A4909B

# Complementary

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



999684



848799

# 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.



9C92A3



999684



8698A6

# Square

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



999684



809B99



9195A7



A98F92

# Rectangle

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



999684



889A8D



9195A7



A2919E



# Sweetspot

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



999684



C7C6BF



998487



63635E



E3E3E3



636363



# Same Dimension

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



999684



C7C2A7



929984



4D4B45



8C7800



0D0B00



# Inverse Universe

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



848799



A7ACC7



8B8499



45464D



00148C



00020D



# Previews

## White Background



This preview shows how the Hex color 999684 looks on a white background.

## Color Contrast Check

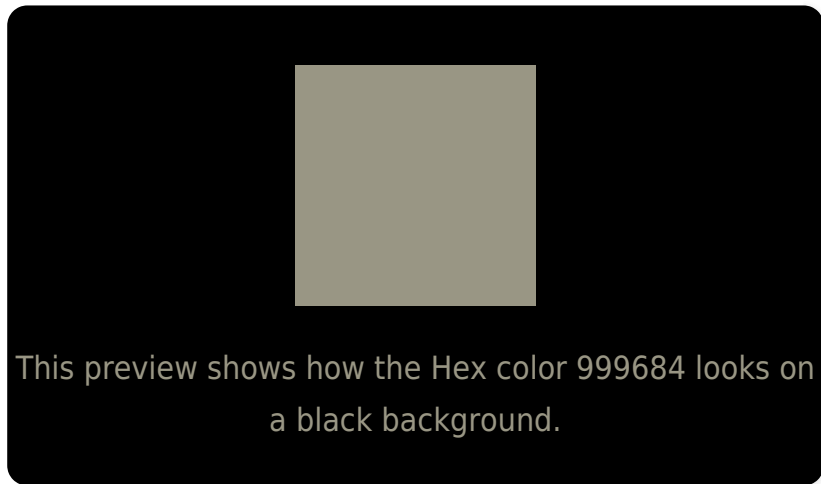
Large Text (above 18pt) WCAG AA × Fail

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

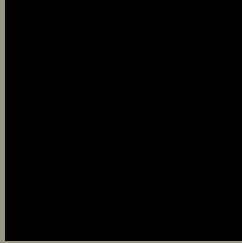
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

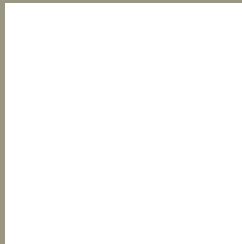
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 999684 Background



This preview shows how black text looks on a background with the Hex color 999684.



This preview shows how white text looks on a background with the Hex color 999684.

# 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**

999684

**Protanopia**

9C9583

**Deuteranopia**

AA9085



**Tritanopia**  
9D929E

# Trichromacy



**Original Color**  
999684

**Protanomaly**  
9B9583

**Deuteranomaly**  
A49285

**Tritanomaly**  
9C9395

# Monochromacy



**Original Color**  
999684

**Achromatopsia**  
959595

**Achromatomaly**  
96958F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 999684 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 #999684 looks like.

```
.text, #text, p{  
    color:#999684  
}
```

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 #999684 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #999684
}
```

## Border

The CSS property to change the border of an element to Hex 999684 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
#999684 }
```

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

```
.border{ border-color:#999684 }
```

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

Here you see how a box with a 4 pixel #999684 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #999684; -webkit-box-shadow:4px 4px  
4px 4px #999684; box-shadow:4px 4px 4px  
4px #999684 }
```

# Background

The CSS property to change the background color of an element to Hex 999684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#999684 }
```

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

```
.background{ background-color:#999684 }
```

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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