

# Converting Colors

Hex(999164)

Have a look what the booklet for  
Hex(999164) contains.

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**Color**

**Hex(999164)**

# Conversions

## Conversions Part 1

Format	Color
Hex	999164
RGB	153, 145, 100
RGB Percent	60%, 57%, 39%
CMY	0.4000, 0.4314, 0.6078
CMYK	0.00, 0.05, 0.35, 0.40
HSL	51°, 21%, 50%
HSV	51°, 35%, 60%
XYZ	25.5625, 27.9432, 16.1029
YIQ	142.2620, 19.2130, -12.2990

# Conversions

## Conversions Part 2

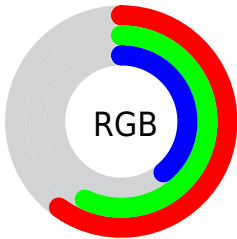
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 153, 100
Decimal	10064228
CIELab	59.84, -4.14, 24.99
CIELCh	60, 25.329, 99.410
Yxy	27.9432, 0.3672, 0.4014
Android (android.graphics.Color)	4288254308 (0xFF999164)
YUV	142.2620, -20.8352, 9.4172
Hunter-Lab	52.8613, -6.1889, 18.9417

# Details

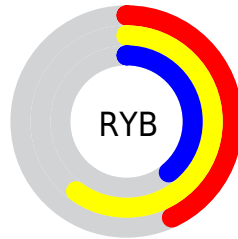
The Hex color **999164** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **646C99**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **D0C797**, and **655F34** is the 20% darker color. If you saturate the color by 10%, you get **998F55**, and if you desaturate by 10%, it is **999373**.

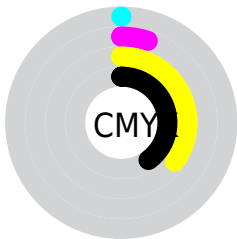
# Distribution



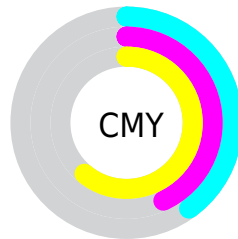
- Red (60%)
- Green (57%)
- Blue (39%)



- Red (43%)
- Yellow (60%)
- Blue (39%)



- Cyan (0%)
- Magenta (5%)
- Yellow (35%)
- Black (40%)



- Cyan (40%)
- Magenta (43%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 999164 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 999164 by changing the saturation by 10% instead.





999164



999164

FFFFFF



7F774C



D0C797



655F34



EDE3B2



4C471E



FFFFCE



353107



FFFFEA



1F1C00



000000



999164



999164



998F55



999373



998C45



999683

998A36

999892

998827

999AA1

998517

999DB0

998308

999FC0

998200

99A1CF

99A3DE

99A6EE

# Harmonies

## Analogous

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



AD8967



999164



80976D

# Triad

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



999164



4B9BAC



B282A0

# Complementary

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



999164



646C99

# 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.



9C88B3



999164



5E97B9

# Square

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



999164



519D97



7E90BC



BD808A

# Rectangle

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



999164



6F9A79



7E90BC



AC83A7



# Sweetspot

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



999164



C7C4B3



99646D



636258



E3E3E3



636363



# Same Dimension

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



999164



C7BA73



879964



4D4B45



8C7700



0D0B00



# Inverse Universe

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



646C99



7380C7



766499



45464D



00158C



00020D



# Previews

## White Background



This preview shows how the Hex color 999164 looks on a white background.

## Color Contrast Check

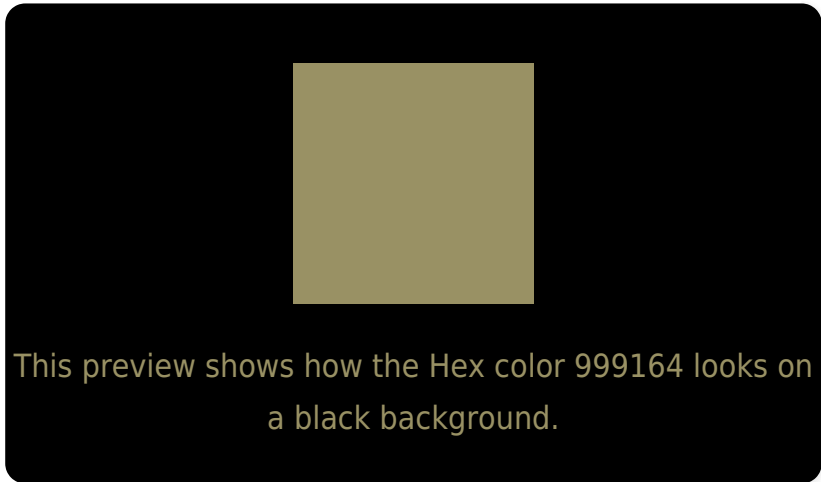
Large Text (above 18pt) WCAG AA ✓ Pass

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

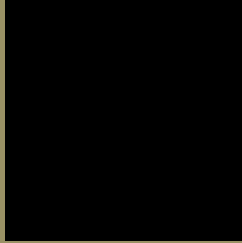
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

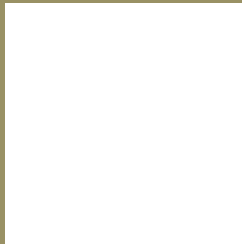
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 999164 Background



This preview shows how black text looks on a background with the Hex color 999164.



This preview shows how white text looks on a background with the Hex color 999164.

# 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**  
999164

**Protanopia**  
9C9064

**Deuteranopia**  
AC8A65



**Tritanopia**  
9F8B96

# Trichromacy



**Original Color**  
999164

**Protanomaly**  
9B9064

**Deuteranomaly**  
A58D65

**Tritanomaly**  
9D8D84

# Monochromacy



**Original Color**  
999164

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
928F7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 999164 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 #999164 looks like.

```
.text, #text, p{  
    color:#999164  
}
```

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 #999164 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #999164
}
```

## Border

The CSS property to change the border of an element to Hex 999164 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
#999164 }
```

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

```
.border{ border-color:#999164 }
```

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

Here you see how a box with a 4 pixel #999164 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #999164; -webkit-box-shadow:4px 4px  
4px 4px #999164; box-shadow:4px 4px 4px  
4px #999164 }
```

# Background

The CSS property to change the background color of an element to Hex 999164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#999164 }
```

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

```
.background{ background-color:#999164 }
```

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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