

# Converting Colors

Hex(999344)

Have a look what the booklet for  
Hex(999344) contains.

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**Color**

**Hex(999344)**

# Conversions

## Conversions Part 1

Format	Color
Hex	999344
RGB	153, 147, 68
RGB Percent	60%, 58%, 27%
CMY	0.4000, 0.4235, 0.7333
CMYK	0.00, 0.04, 0.56, 0.40
HSL	56°, 38%, 43%
HSV	56°, 56%, 60%
XYZ	24.6140, 28.0571, 9.5871
YIQ	139.7880, 28.9350, -23.2970

# Conversions

## Conversions Part 2

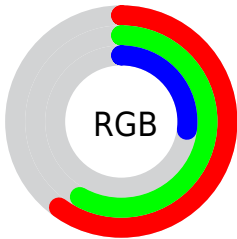
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 153, 68
Decimal	10064708
CIE <sub>Lab</sub>	59.94, -8.63, 41.96
CIE <sub>LCh</sub>	60, 42.833, 101.619
Yxy	28.0571, 0.3954, 0.4507
Android (android.graphics.Color)	4288254788 (0xFF999344)
YUV	139.7880, -35.3915, 11.5869
Hunter-Lab	52.9689, -9.7491, 26.3471

# Details

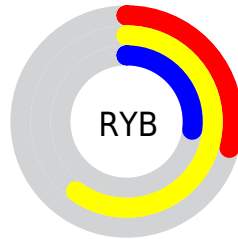
The Hex color **999344** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **444A99**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **D1C977**, and **646111** is the 20% darker color. If you saturate the color by 10%, you get **999235**, and if you desaturate by 10%, it is **999453**.

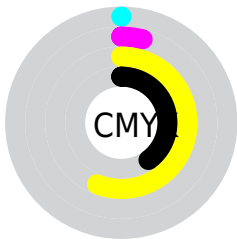
# Distribution



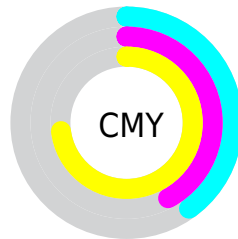
- Red (60%)
- Green (58%)
- Blue (27%)



- Red (29%)
- Yellow (60%)
- Blue (27%)



- Cyan (0%)
- Magenta (4%)
- Yellow (56%)
- Black (40%)



- Cyan (40%)
- Magenta (42%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 999344 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 999344 by changing the saturation by 10% instead.





999344



999344

FFFFFF



7E792B



D1C977



646111



EEE591



4A4900



FFFFAC



323300



FFFFC8



191E00



FFFFE4



000000



999344



999344



999235



999453



999125



999563

■ 999016

■ 999672

■ 998F07

■ 999781

■ 998E00

■ 999891

■ 9999A0

■ 999BAF

■ 999CBE

■ 999DCE

# Harmonies

## Analogous

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



BB8648



999344



709D56

# Triad

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



999344



00A2C1



CA74A9

# Complementary

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



999344



444A99

# 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.



A781C9



999344



009BD7

# Square

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



999344



00A49E



6D8FDA



D87183

# Rectangle

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



999344



4EA16B



6D8FDA



C178B5



# Sweetspot

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



999344



C7C5A5



99444B



636250



E3E3E3



636363



# Same Dimension

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



999344



C7BD42



769944



4D4C45



8C8200



0D0C00



# Inverse Universe

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



444A99



424BC7



674499



45454D



000A8C



00010D



# Previews

## White Background



This preview shows how the Hex color 999344 looks on a white background.

## Color Contrast Check

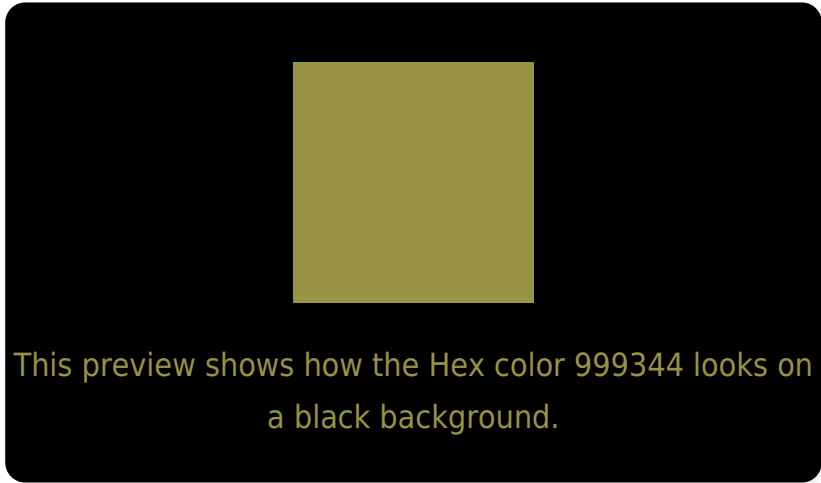
Large Text (above 18pt) WCAG AA ✓ Pass

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

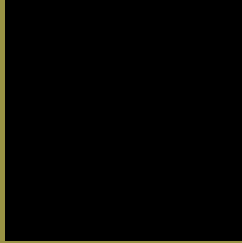
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 999344 Background



This preview shows how black text looks on a background with the Hex color 999344.



This preview shows how white text looks on a background with the Hex color 999344.

# 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**  
999344

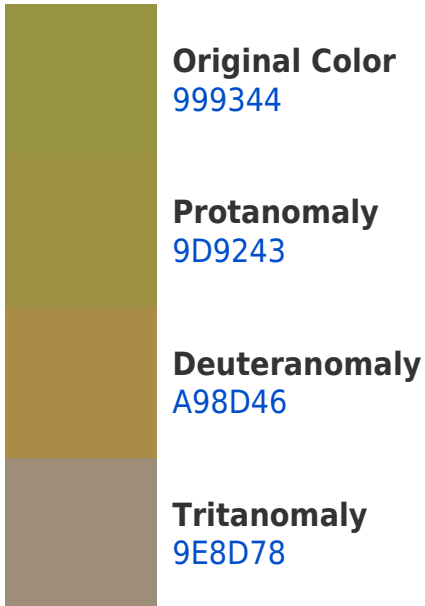
**Protanopia**  
A09143

**Deuteranopia**  
B28947

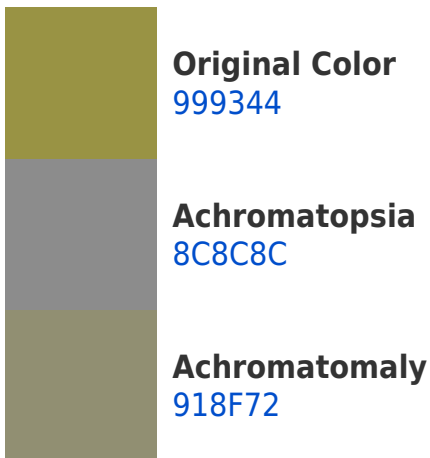


**Tritanopia**  
A18A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 999344 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 #999344 looks like.

```
.text, #text, p{  
    color:#999344  
}
```

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 #999344 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #999344 }  
}
```

## Border

The CSS property to change the border of an element to Hex 999344 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 #999344 }  
}
```

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

```
.border{ border-color:#999344 }
```

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

Here you see how a box with a 4 pixel #999344 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #999344; -webkit-box-shadow:4px 4px  
4px 4px #999344; box-shadow:4px 4px 4px  
4px #999344 }
```

# Background

The CSS property to change the background color of an element to Hex 999344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#999344 }
```

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

```
.background{ background-color:#999344 }
```

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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