

# Converting Colors

Hex(999700)

Have a look what the booklet for  
Hex(999700) contains.

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**Color**

**Hex(999700)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	999700
RGB	153, 151, 0
RGB Percent	60%, 59%, 0%
CMY	0.4000, 0.4078, 1.0000
CMYK	0.00, 0.01, 1.00, 0.40
HSL	59°, 100%, 30%
HSV	59°, 100%, 60%
XYZ	24.2035, 28.9055, 4.3037
YIQ	134.3840, 49.6630, -46.5370

# Conversions

## Conversions Part 2

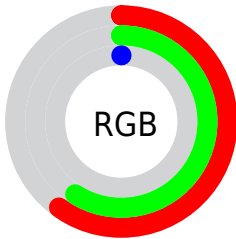
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	2, 153, 0
Decimal	10065664
CIE Lab	60.70, -13.68, 64.11
CIE LCh	61, 65.553, 102.041
Yxy	28.9055, 0.4216, 0.5035
Android (android.graphics.Color)	4288255744 (0xFF999700)
YUV	134.3840, -66.2513, 16.3262
Hunter-Lab	53.7639, -13.7294, 32.8887

# Details

The Hex color **999700** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **000299**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **D3CD48**, and **626400** is the 20% darker color. If you saturate the color by 10%, you get **999700**, and if you desaturate by 10%, it is **99970F**.

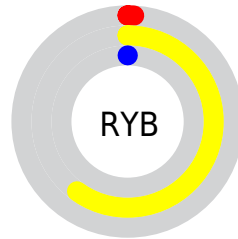
# Distribution



Red (60%)

Green (59%)

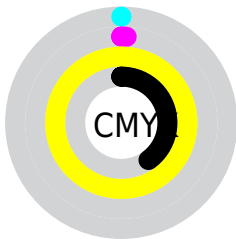
Blue (0%)



Red (1%)

Yellow (60%)

Blue (0%)

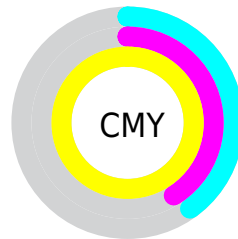


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (41%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 999700 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 999700 by changing the saturation by 10% instead.



 999700

 999700

FFFFFF

 7D7D00

 D3CD48

 626400

 F1E964

 474D00

 FFFF7F

 2C3600

 FFFF9B

 142100

 FFFFB7

 000500

 FFFFD4

 000000

 FFFFF1

 999700

 99970F

 99971F

 99982E

 99983D

 99984D

 99985C

 99986B

 99997A

 99998A

# Harmonies

## Analogous

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



CB8317



999700



58A434

# Triad

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



999700



00ABDF



E85FB8

# Complementary

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



999700



000299

# 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.



B278E9



999700



00A2FF

# Square

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



999700



00ADA9



3D91FF



FA587D

# Rectangle

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



999700



00A959



3D91FF



DB67CA



# Sweetspot

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



999700



C7C68B



990003



636340



E3E3E3



636363



# Same Dimension

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



999700



C7C400



4F9900



4D4C45



8C8A00



0D0D00



# Inverse Universe

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



000299



0003C7



4A0099



45454D



00028C

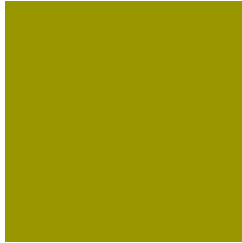


00000D



# Previews

## White Background



This preview shows how the Hex color 999700 looks on a white background.

## Color Contrast Check

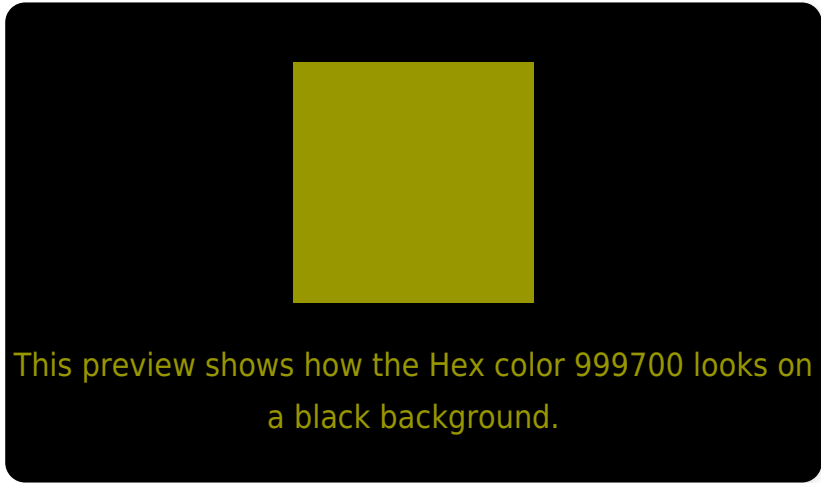
Large Text (above 18pt) WCAG AA ✓ Pass

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 999700 Background



This preview shows how black text looks on a background with the Hex color 999700.



This preview shows how white text looks on a background with the Hex color 999700.

# 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**  
999700

**Protanopia**  
A59300

**Deuteranopia**  
B98B16



**Tritanopia**  
A38C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 999700 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 #999700 looks like.

```
.text, #text, p{  
    color:#999700  
}
```

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 #999700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #999700
}
```

## Border

The CSS property to change the border of an element to Hex 999700 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
#999700 }
```

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

```
.border{ border-color:#999700 }
```

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

Here you see how a box with a 4 pixel #999700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #999700; -webkit-box-shadow:4px 4px  
4px 4px #999700; box-shadow:4px 4px 4px  
4px #999700 }
```

# Background

The CSS property to change the background color of an element to Hex 999700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#999700 }
```

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

```
.background{ background-color:#999700 }
```

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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