

# Converting Colors

Hex(999602)

Have a look what the booklet for  
Hex(999602) contains.

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**Color**

**Hex(999602)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	999602
RGB	153, 150, 2
RGB Percent	60%, 59%, 1%
CMY	0.4000, 0.4118, 0.9922
CMYK	0.00, 0.02, 0.99, 0.40
HSL	59°, 97%, 30%
HSV	59°, 99%, 60%
XYZ	24.0542, 28.5894, 4.3079
YIQ	134.0250, 49.2960, -45.3920

# Conversions

## Conversions Part 2

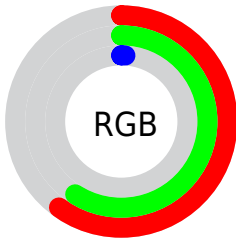
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	5, 153, 2
Decimal	10065410
CIE Lab	60.42, -13.12, 63.60
CIE LCh	60, 64.943, 101.654
Yxy	28.5894, 0.4224, 0.5020
Android (android.graphics.Color)	4288255490 (0xFF999602)
YUV	134.0250, -65.0883, 16.6411
Hunter-Lab	53.4690, -13.2688, 32.6514

# Details

The Hex color **999602** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **020599**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **D3CC49**, and **626400** is the 20% darker color. If you saturate the color by 10%, you get **999600**, and if you desaturate by 10%, it is **999611**.

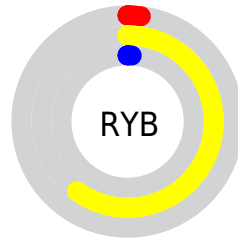
# Distribution



Red (60%)

Green (59%)

Blue (1%)



Red (2%)

Yellow (60%)

Blue (1%)

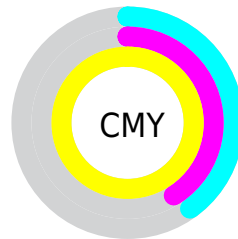


Cyan (0%)

Magenta (2%)

Yellow (99%)

Black (40%)



Cyan (40%)

Magenta (41%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 999602 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 999602 by changing the saturation by 10% instead.



 999602

 999602

FFFFFF

 7D7C00

 D3CC49

 626400

 F1E864

 474C00

 FFFF80

 2D3500

 FFFF9B

 142000

 FFFFB7

 000300

 FFFFD4

 000000

 FFFFF1

 999602

 999602

■ 999600

■ 999611

■ 999721

■ 999730

■ 99973F

■ 99984E

■ 99985E

■ 99986D

■ 99987C

■ 99998C

# Harmonies

## Analogous

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



CA8218



999602



59A334

# Triad

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



999602



00AADD



E660B7

# Complementary

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



999602



020599

# 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.



B178E8



999602



00A2FE

# Square

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



999602



00ACA7



3C91FF



F8587E

# Rectangle

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



999602



00A858



3C91FF



D967C9



# Sweetspot

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



999602



C7C68B



990207



636340



E3E3E3



636363



# Same Dimension

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



999602



C7C300



539902



4D4C45



8C8900



0D0C00



# Inverse Universe

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



020599



0004C7



480299



45454D



00038C



00000D



# Previews

## White Background



This preview shows how the Hex color 999602 looks on a white background.

## Color Contrast Check

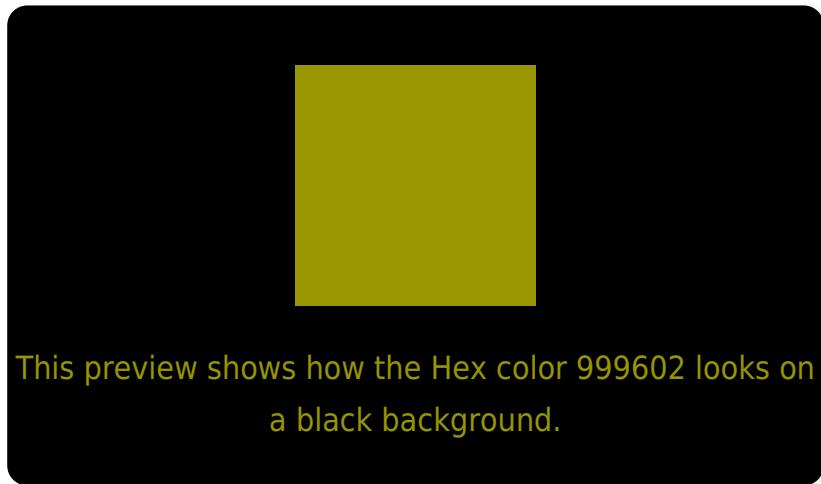
Large Text (above 18pt) WCAG AA ✓ Pass

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 999602 Background



This preview shows how black text looks on a background with the Hex color 999602.



This preview shows how white text looks on a background with the Hex color 999602.

# 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**  
999602

**Protanopia**  
A49200

**Deuteranopia**  
B88A16



**Tritanopia**  
A38B96

# Trichromacy



**Original Color**  
999602

**Protanomaly**  
A09301

**Deuteranomaly**  
AD8E0F

**Tritanomaly**  
9F8F60

# Monochromacy



**Original Color**  
999602

**Achromatopsia**  
868686

**Achromatomaly**  
8D8C56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 999602 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 #999602 looks like.

```
.text, #text, p{  
    color:#999602  
}
```

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 #999602 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #999602
}
```

## Border

The CSS property to change the border of an element to Hex 999602 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
#999602 }
```

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

```
.border{ border-color:#999602 }
```

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

Here you see how a box with a 4 pixel #999602 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #999602; -webkit-box-shadow:4px 4px  
4px 4px #999602; box-shadow:4px 4px 4px  
4px #999602 }
```

# Background

The CSS property to change the background color of an element to Hex 999602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#999602 }
```

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

```
.background{ background-color:#999602 }
```

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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