

# Converting Colors

Hex(996603)

Have a look what the booklet for  
Hex(996603) contains.

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**Color**

**Hex(996603)**

# Conversions

## Conversions Part 1

Format	Color
Hex	996603
RGB	153, 102, 3
RGB Percent	60%, 40%, 1%
CMY	0.4000, 0.6000, 0.9882
CMYK	0.00, 0.33, 0.98, 0.40
HSL	40°, 96%, 31%
HSV	40°, 98%, 60%
XYZ	17.9047, 16.2816, 2.2851
YIQ	105.9630, 62.1750, -19.9770

# Conversions

## Conversions Part 2

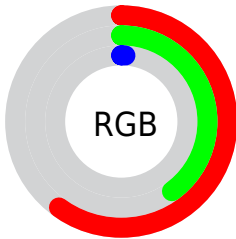
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 153, 3
Decimal	10053123
CIE <sub>Lab</sub>	47.34, 13.60, 54.04
CIE <sub>LCh</sub>	47, 55.728, 75.876
Yxy	16.2816, 0.4909, 0.4464
Android (android.graphics.Color)	4288243203 (0xFF996603)
YUV	105.9630, -50.7608, 41.2514
Hunter-Lab	40.3505, 8.5922, 24.8876

# Details

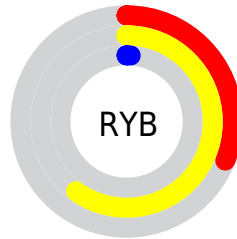
The Hex color **996603** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **033699**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **D4993F**, and **603700** is the 20% darker color. If you saturate the color by 10%, you get **996500**, and if you desaturate by 10%, it is **996B12**.

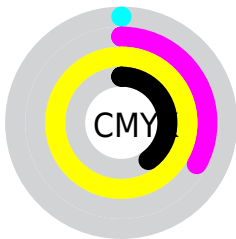
# Distribution



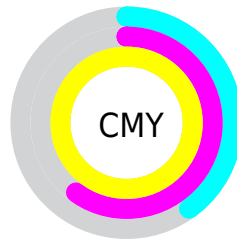
- Red (60%)
- Green (40%)
- Blue (1%)



- Red (31%)
- Yellow (60%)
- Blue (1%)



- Cyan (0%)
- Magenta (33%)
- Yellow (98%)
- Black (40%)



- Cyan (40%)
- Magenta (60%)
- Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 996603 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 996603 by changing the saturation by 10% instead.



 996603

 996603

FFFFFF

 7C4E00

 D4993F

 603700

 F2B459

 452200

 FFCF73

 2B0E00

 FFE88E

 060000

 FFFFA9

 000000

 FFFFC5

 FFFFEE

 996603

 996603

■ 996500

■ 996B12

■ 997022

■ 997631

■ 997B40

■ 99804F

■ 99855F

■ 998A6E

■ 99907D

■ 99958D

# Harmonies

## Analogous

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



B7522E



996603



6F7600

# Triad

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



996603



008689



9258B2

# Complementary

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



996603



033699

# 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.



3D6DCB



996603



0084B3

# Square

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



996603



008558



007CCB



B94488

# Rectangle

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



996603



4D7D1A



007CCB



7D60BD



# Sweetspot

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



996603



C7B38D



990337



635841



E3E3E3



636363



# Same Dimension

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



996603



C78300



829903



4D4A45



8C5D00



0D0800



# Inverse Universe

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



033699



0044C7



1A0399



45474D



00308C

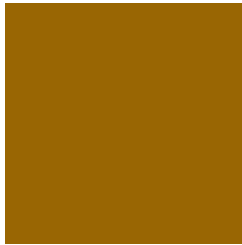


00040D



# Previews

## White Background



This preview shows how the Hex color 996603 looks on a white background.

## Color Contrast Check

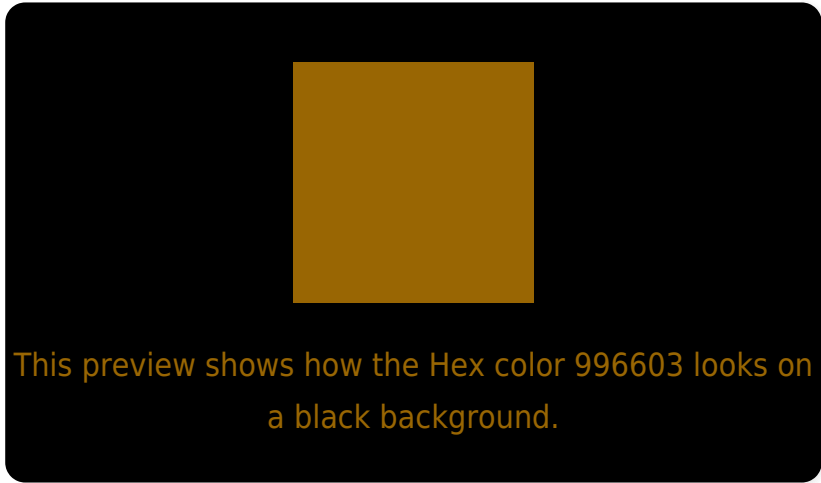
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 996603 Background



This preview shows how black text looks on a background with the Hex color 996603.



This preview shows how white text looks on a background with the Hex color 996603.

# 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**  
996603

**Protanopia**  
7F710B

**Deuteranopia**  
8F6B00

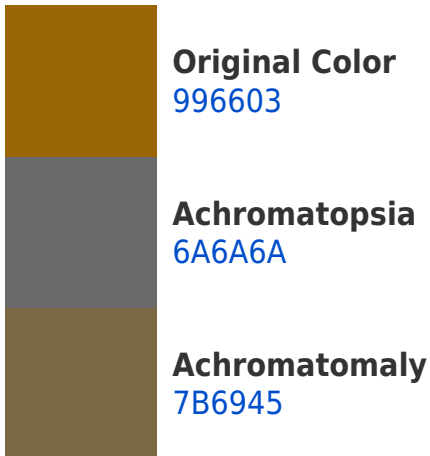


**Tritanopia**  
9D5F66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 996603 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 #996603 looks like.

```
.text, #text, p{  
    color:#996603  
}
```

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 #996603 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #996603
}
```

## Border

The CSS property to change the border of an element to Hex 996603 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
#996603 }
```

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

```
.border{ border-color:#996603 }
```

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

Here you see how a box with a 4 pixel #996603 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #996603; -webkit-box-shadow:4px 4px  
4px 4px #996603; box-shadow:4px 4px 4px  
4px #996603 }
```

# Background

The CSS property to change the background color of an element to Hex 996603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#996603 }
```

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

```
.background{ background-color:#996603 }
```

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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