

# Converting Colors

Hex(997613)

Have a look what the booklet for  
Hex(997613) contains.

<b>Hex(997613)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(997613)**

# Conversions

## Conversions Part 1

Format	Color
Hex	997613
RGB	153, 118, 19
RGB Percent	60%, 46%, 7%
CMY	0.4000, 0.5373, 0.9255
CMYK	0.00, 0.23, 0.88, 0.40
HSL	44°, 78%, 34%
HSV	44°, 88%, 60%
XYZ	19.7328, 19.7762, 3.3932
YIQ	117.1790, 52.6390, -23.3690

# Conversions

## Conversions Part 2

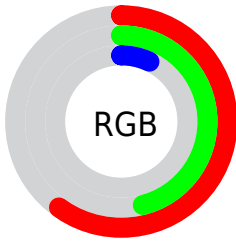
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	66, 153, 19
Decimal	10057235
CIE Lab	51.58, 4.76, 53.58
CIE LCh	52, 53.795, 84.926
Yxy	19.7762, 0.4599, 0.4610
Android (android.graphics.Color)	4288247315 (0xFF997613)
YUV	117.1790, -48.4022, 31.4150
Hunter-Lab	44.4704, 1.3825, 26.6053

# Details

The Hex color **997613** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **133699**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **D3AA4A**, and **624600** is the 20% darker color. If you saturate the color by 10%, you get **997204**, and if you desaturate by 10%, it is **997A22**.

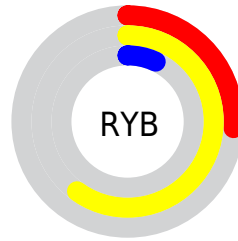
# Distribution



Red (60%)

Green (46%)

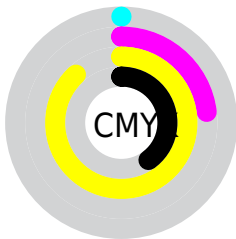
Blue (7%)



Red (26%)

Yellow (60%)

Blue (7%)

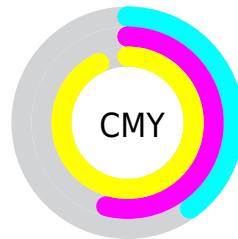


Cyan (0%)

Magenta (23%)

Yellow (88%)

Black (40%)



Cyan (40%)

Magenta (54%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 997613 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 997613 by changing the saturation by 10% instead.



 997613

 997613

FFFFFF

 7D5E00

 D3AA4A

 624600

 F1C564

 463000

 FFE17F

 2D1C00

 FFFD9A

 130200

 FFFFB5

 000000

 FFFFD1

 FFFFEE

 997613

 997613

■ 997204

■ 997A22

■ 997100

■ 997E32

■ 998241

■ 998650

■ 998A5F

■ 998E6F

■ 99927E

■ 99968D

■ 999A9D

# Harmonies

## Analogous

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



BB642F



997613



6D841D

# Triad

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



997613



0091A0



AB5EB0

# Complementary

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



997613



133699

# 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.



6D72CF



997613



008CC6

# Square

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



997613



009071



0083D7



C94F85

# Rectangle

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



997613



478A35



0083D7



9A64BD



# Sweetspot

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



997613



C7B993



991337



635B45



E3E3E3



636363



# Same Dimension

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



997613



C79300



7A9913



4D4B45



8C6800



0D0900



# Inverse Universe

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



133699



0034C7



321399



45474D



00258C

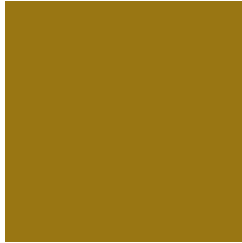


00030D



# Previews

## White Background



This preview shows how the Hex color 997613 looks on a white background.

## Color Contrast Check

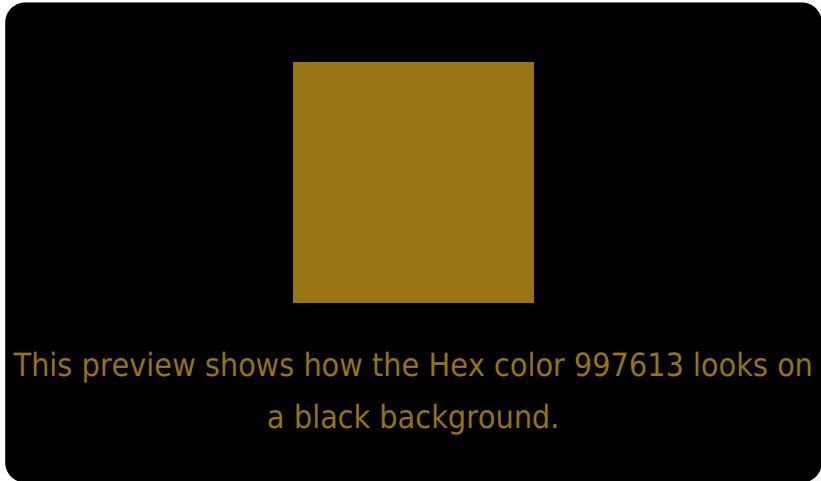
Large Text (above 18pt) WCAG AA ✓ Pass

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 997613 Background



This preview shows how black text looks on a background with the Hex color 997613.



This preview shows how white text looks on a background with the Hex color 997613.

# 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**  
997613

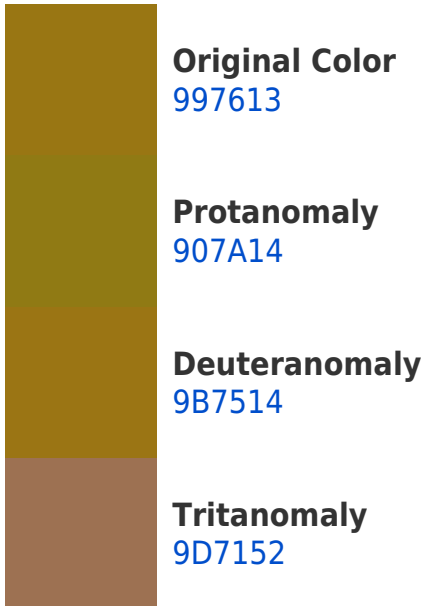
**Protanopia**  
8B7C15

**Deuteranopia**  
9C7514

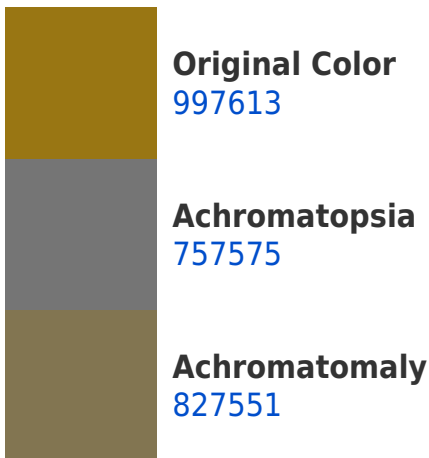


**Tritanopia**  
9F6E76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 997613 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 #997613 looks like.

```
.text, #text, p{  
    color:#997613  
}
```

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 #997613 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #997613
}
```

## Border

The CSS property to change the border of an element to Hex 997613 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
#997613 }
```

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

```
.border{ border-color:#997613 }
```

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

Here you see how a box with a 4 pixel #997613 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #997613; -webkit-box-shadow:4px 4px  
4px 4px #997613; box-shadow:4px 4px 4px  
4px #997613 }
```

# Background

The CSS property to change the background color of an element to Hex 997613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#997613 }
```

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

```
.background{ background-color:#997613 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor