

Converting Colors

Hex(99730C)

Have a look what the booklet for
Hex(99730C) contains.

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Color

Hex(99730C)

Conversions

Conversions Part 1

Format	Color
Hex	99730C
RGB	153, 115, 12
RGB Percent	60%, 45%, 5%
CMY	0.4000, 0.5490, 0.9529
CMYK	0.00, 0.25, 0.92, 0.40
HSL	44°, 85%, 32%
HSV	44°, 92%, 60%
XYZ	19.3340, 19.0603, 3.0078
YIQ	114.6200, 55.7110, -23.9770

Conversions

Conversions Part 2

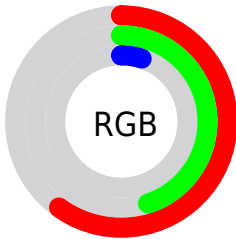
Format	Color
RYB	64, 153, 12
Decimal	10056460
CIELab	50.76, 6.31, 54.64
CIELCh	51, 55.003, 83.415
Yxy	19.0603, 0.4670, 0.4604
Android (android.graphics.Color)	4288246540 (0xFF99730C)
YUV	114.6200, -50.5917, 33.6593
Hunter-Lab	43.6581, 2.6469, 26.4759

Details

The Hex color **99730C** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0C3299**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **D3A746**, and **614300** is the 20% darker color. If you saturate the color by 10%, you get **997000**, and if you desaturate by 10%, it is **99771B**.

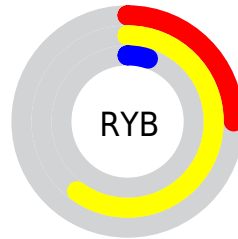
Distribution



Red (60%)

Green (45%)

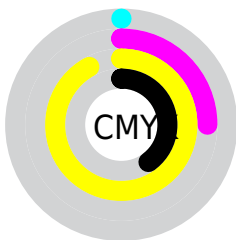
Blue (5%)



Red (25%)

Yellow (60%)

Blue (5%)

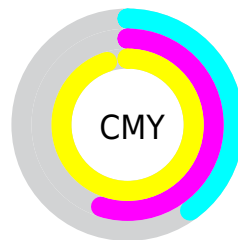


Cyan (0%)

Magenta (25%)

Yellow (92%)

Black (40%)



Cyan (40%)

Magenta (55%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99730C 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 99730C by changing the saturation by 10% instead.

 99730C

 99730C

FFFFFF

 7D5B00

 D3A746

 614300

 F1C260

 462D00

 FFDD7A

 2C1900

 FFFA95

 130000

 FFFFB1

 000000

 FFFFCD

 FFFFEA

 99730C

 99730C

■ 997000

■ 99771B

■ 997B2B

■ 997F3A

■ 998349

■ 998858

■ 998C68

■ 999077

■ 999486

■ 999896

Harmonies

Analogous

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



BB602D



99730C



6D8116

Triad

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



99730C



008F9D



A75CB1

Complementary

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



99730C



0C3299

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.



6571CF



99730C



008BC4

Square

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



99730C



008E6D



0081D6



C84C85

Rectangle

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



99730C



47882F



0081D6



9663BE

Sweetspot

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



99730C



C7B88F



990C34



635A42



E3E3E3



636363

Same Dimension

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



99730C



C79100



7A990C



4D4A45



8C6600



0D0900

Inverse Universe

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



0C3299



0036C7



2B0C99



45474D



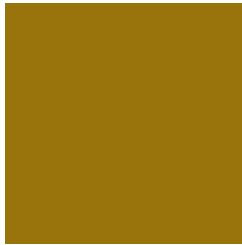
00268C



00030D

Previews

White Background



This preview shows how the Hex color 99730C looks on a white background.

Color Contrast Check

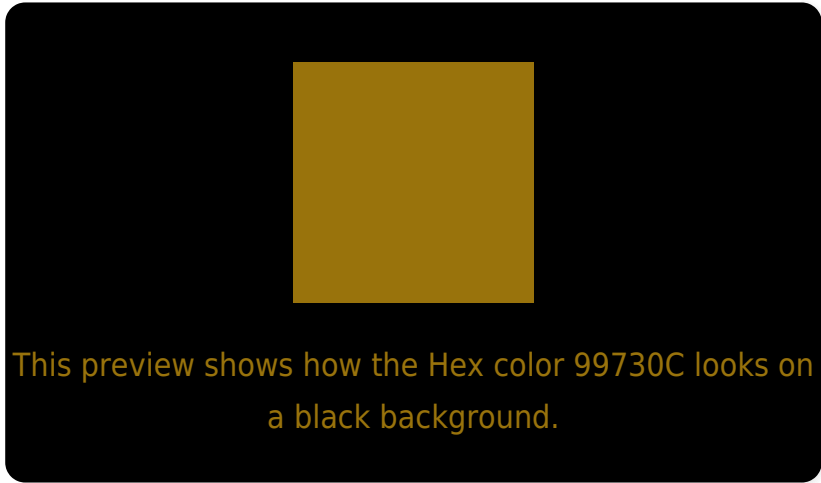
Large Text (above 18pt) WCAG AA ✓ Pass

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 99730C Background



This preview shows how black text looks on a background with the Hex color 99730C.



This preview shows how white text looks on a background with the Hex color 99730C.

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
99730C

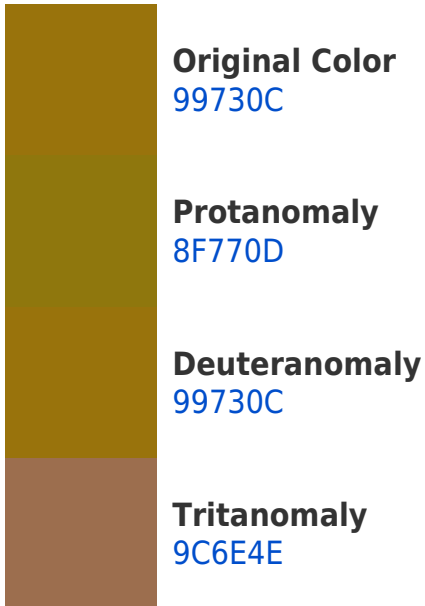
Protanopia
897A0E

Deuteranopia
99730C

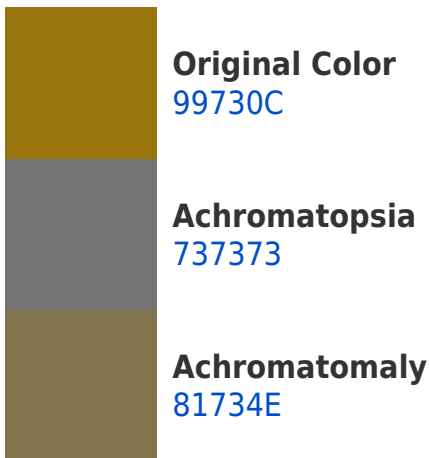


Tritanopia
9E6B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99730C 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 #99730C looks like.

```
.text, #text, p{  
    color:#99730C  
}
```

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 #99730C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99730C
}
```

Border

The CSS property to change the border of an element to Hex 99730C is called "border". The border property can be set on classes, ids or directly on the HTML element.

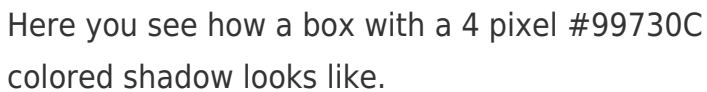
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#99730C }
```

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

```
.border{ border-color:#99730C }
```

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



Here you see how a box with a 4 pixel #99730C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99730C; -webkit-box-shadow:4px 4px  
4px 4px #99730C; box-shadow:4px 4px 4px  
4px #99730C }
```

Background

The CSS property to change the background color of an element to Hex 99730C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99730C }
```

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

```
.background{ background-color:#99730C }
```

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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