

Converting Colors

Hex(89670C)

Have a look what the booklet for
Hex(89670C) contains.

Hex(89670C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(89670C)

Conversions

Conversions Part 1

Format	Color
Hex	89670C
RGB	137, 103, 12
RGB Percent	54%, 40%, 5%
CMY	0.4627, 0.5961, 0.9529
CMYK	0.00, 0.25, 0.91, 0.46
HSL	44°, 84%, 29%
HSV	44°, 91%, 54%
XYZ	15.2331, 15.0454, 2.4490
YIQ	102.7920, 49.4750, -21.0930

Conversions

Conversions Part 2

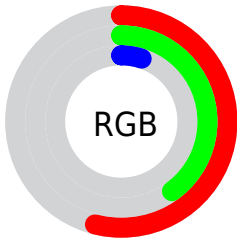
Format	Color
R_{YB}	59, 137, 12
Decimal	9004812
CIE Lab	45.70, 5.66, 49.92
CIE LCh	46, 50.237, 83.529
Yxy	15.0454, 0.4655, 0.4597
Android (android.graphics.Color)	4287194892 (0xFF89670C)
YUV	102.7920, -44.7605, 30.0004
Hunter-Lab	38.7884, 2.2215, 23.4085

Details

The Hex color **89670C** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0C2E89**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **C29A43**, and **533800** is the 20% darker color. If you saturate the color by 10%, you get **896400**, and if you desaturate by 10%, it is **896B1A**.

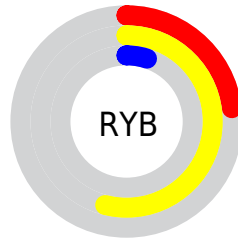
Distribution



Red (54%)

Green (40%)

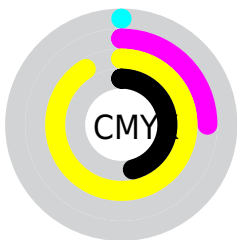
Blue (5%)



Red (23%)

Yellow (54%)

Blue (5%)

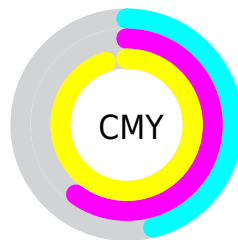


Cyan (0%)

Magenta (25%)

Yellow (91%)

Black (46%)



Cyan (46%)

Magenta (60%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89670C 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 89670C by changing the saturation by 10% instead.

 89670C

 89670C

FFFFFF

 6D4F00

 C29A43

 533800

 E0B45D

 382300

 FED077

 200F00

 FFEC91

 000000

 FFFFAD

 FFFFC9

 FFFF E5

 89670C

 89670C

■ 896400

■ 896B1A

■ 896E27

■ 897235

■ 897643

■ 897A51

■ 897D5E

■ 89816C

■ 89857A

■ 898987

Harmonies

Analogous

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



A75628



89670C



617414

Triad

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



89670C



00808D



96529F

Complementary

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



89670C



0C2E89

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.



5B65BA



89670C



007CAF

Square

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



89670C



007F61



0074C0



B34477

Rectangle

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



89670C



407A2B



0074C0



8658AA

Sweetspot

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



89670C



B3A582



890C2F



59513D



D9D9D9



595959

Same Dimension

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



89670C



B38200



6E890C



45433E



856100



050400

Inverse Universe

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



0C2E89



0031B3



270C89



3E4045



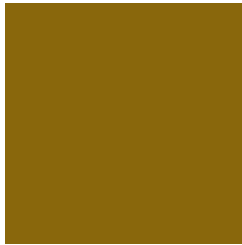
002485



000105

Previews

White Background



This preview shows how the Hex color 89670C looks on a white background.

Color Contrast Check

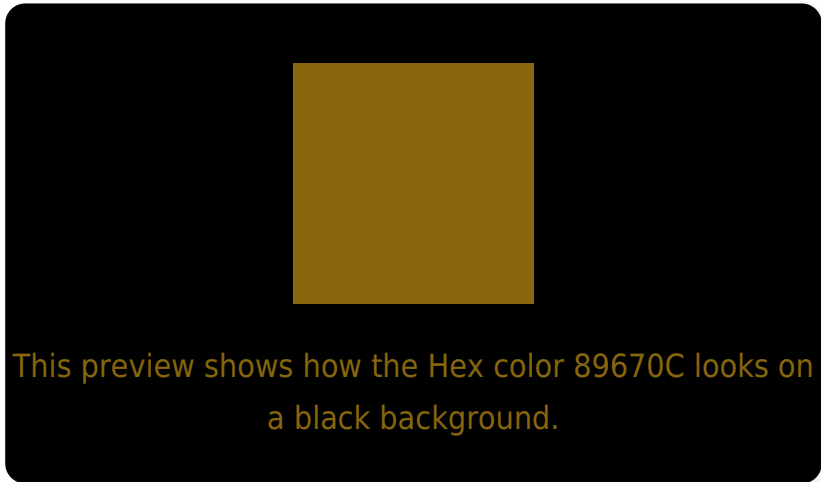
Large Text (above 18pt) WCAG AA ✓ Pass

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 89670C Background



This preview shows how black text looks on a background with the Hex color 89670C.



This preview shows how white text looks on a background with the Hex color 89670C.

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
89670C

Protanopia
7A6D0E

Deuteranopia
89670C

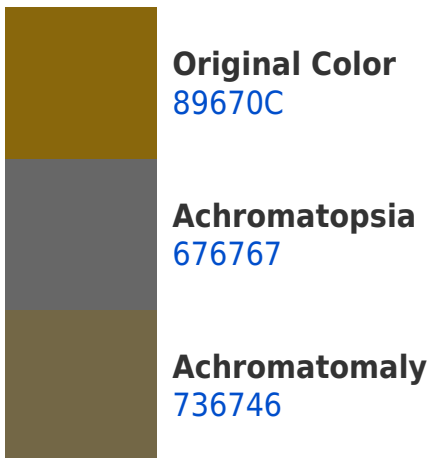


Tritanopia
8E6067

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89670C 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 #89670C looks like.

```
.text, #text, p{  
    color:#89670C  
}
```

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 #89670C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89670C
}
```

Border

The CSS property to change the border of an element to Hex 89670C is called "border". The border property can be set on classes, ids or directly on the HTML element.

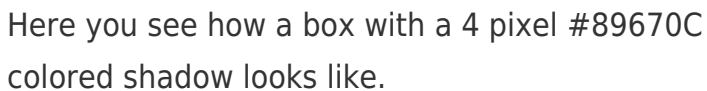
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#89670C }
```

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

```
.border{ border-color:#89670C }
```

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



Here you see how a box with a 4 pixel #89670C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89670C; -webkit-box-shadow:4px 4px  
4px 4px #89670C; box-shadow:4px 4px 4px  
4px #89670C }
```

Background

The CSS property to change the background color of an element to Hex 89670C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89670C }
```

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

```
.background{ background-color:#89670C }
```

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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