

Converting Colors

Hex(8C8822)

Have a look what the booklet for
Hex(8C8822) contains.

Hex(8C8822)	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(8C8822)

Conversions

Conversions Part 1

Format	Color
Hex	8C8822
RGB	140, 136, 34
RGB Percent	55%, 53%, 13%
CMY	0.4510, 0.4667, 0.8667
CMYK	0.00, 0.03, 0.76, 0.45
HSL	58°, 61%, 34%
HSV	58°, 76%, 55%
XYZ	19.9081, 23.2993, 4.9613
YIQ	125.5680, 35.1260, -30.8740

Conversions

Conversions Part 2

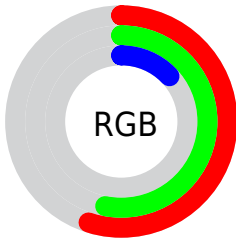
Format	Color
R_{YB}	38, 140, 34
Decimal	9209890
CIE _{Lab}	55.38, -10.73, 51.63
CIE _{LCh}	55, 52.736, 101.740
Y _{xy}	23.2993, 0.4133, 0.4837
Android (android.graphics.Color)	4287399970 (0xFF8C8822)
YUV	125.5680, -45.1430, 12.6569
Hunter-Lab	48.2693, -10.8511, 27.6945

Details

The Hex color **8C8822** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **22268C**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **C4BD57**, and **565700** is the 20% darker color. If you saturate the color by 10%, you get **8C8714**, and if you desaturate by 10%, it is **8C8930**.

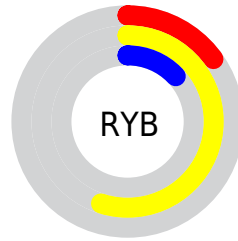
Distribution



Red (55%)

Green (53%)

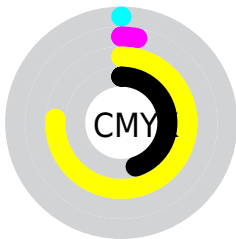
Blue (13%)



Red (15%)

Yellow (55%)

Blue (13%)

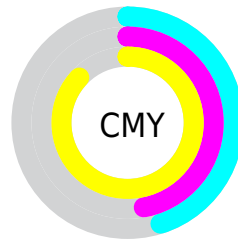


Cyan (0%)

Magenta (3%)

Yellow (76%)

Black (45%)



Cyan (45%)

Magenta (47%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C8822 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 8C8822 by changing the saturation by 10% instead.



8C8822



8C8822

FFFFFF



716F00



C4BD57



565700



E1D971



3D3F00



FFF58C



232A00



FFFFA7



021600



FFFFC3



000000



FFFFE0



FFFFFD



8C8822



8C8822

■ 8C8714

■ 8C8930

■ 8C8706

■ 8C893E

■ 8C8700

■ 8C8A4C

■ 8C8A5A

■ 8C8B68

■ 8C8B76

■ 8C8C84

■ 8C8C92

■ 8C8DA0

Harmonies

Analogous

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



B4782A



8C8822



59933C

Triad

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



8C8822



0099C0



C95FA2

Complementary

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



8C8822



22268C

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.



9E71C9



8C8822



0091DB

Square

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



8C8822



009B96



4E84DE



D85A74

Rectangle

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



8C8822



239757



4E84DE



BE64B1

Sweetspot

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



8C8822



B5B38B



8C2227



5C5B42



DBDBDB



5C5C5C

Same Dimension

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



8C8822



B5AF10



5C8C22



45453E



858000



050500

Inverse Universe

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



22268C



1017B5



52228C



3E3E45



000585



000005

Previews

White Background



This preview shows how the Hex color 8C8822 looks on a white background.

Color Contrast Check

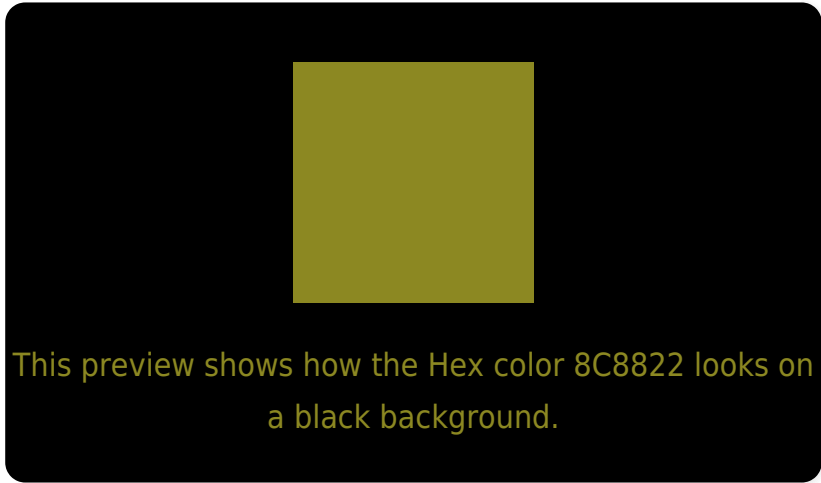
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C8822 Background



This preview shows how black text looks on a background with the Hex color 8C8822.



This preview shows how white text looks on a background with the Hex color 8C8822.

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
8C8822

Protanopia
958521

Deuteranopia
A67E27



Tritanopia
947F89

Trichromacy



Original Color
8C8822

Protanomaly
928621

Deuteranomaly
9D8225

Tritanomaly
918264

Monochromacy



Original Color
8C8822

Achromatopsia
7E7E7E

Achromatomaly
83825D

CSS Examples

Text

The CSS property to change the color of the text to Hex 8C8822 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 #8C8822 looks like.

```
.text, #text, p{  
    color:#8C8822  
}
```

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 #8C8822 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C8822
}
```

Border

The CSS property to change the border of an element to Hex 8C8822 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
#8C8822 }
```

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

```
.border{ border-color:#8C8822 }
```

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

Here you see how a box with a 4 pixel #8C8822 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C8822; -webkit-box-shadow:4px 4px  
4px 4px #8C8822; box-shadow:4px 4px 4px  
4px #8C8822 }
```

Background

The CSS property to change the background color of an element to Hex 8C8822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C8822 }
```

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

```
.background{ background-color:#8C8822 }
```

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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