

Converting Colors

Hex(8C9831)

Have a look what the booklet for
Hex(8C9831) contains.

Hex(8C9831)	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(8C9831)

Conversions

Conversions Part 1

Format	Color
Hex	8C9831
RGB	140, 152, 49
RGB Percent	55%, 60%, 19%
CMY	0.4510, 0.4039, 0.8078
CMYK	0.08, 0.00, 0.68, 0.40
HSL	67°, 51%, 39%
HSV	67°, 68%, 60%
XYZ	22.5978, 28.2537, 7.1682
YIQ	136.6700, 25.9110, -34.5770

Conversions

Conversions Part 2

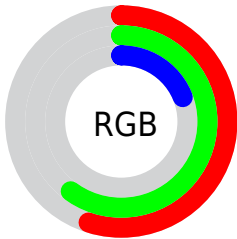
Format	Color
RYB	49, 152, 61
Decimal	9214001
CIELab	60.12, -18.34, 50.48
CIElCh	60, 53.708, 109.967
Yxy	28.2537, 0.3895, 0.4870
Android (android.graphics.Color)	4287404081 (0xFF8C9831)
YUV	136.6700, -43.2213, 2.9204
Hunter-Lab	53.1542, -17.1328, 29.2123

Details

The Hex color **8C9831** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3D3198**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **C4CE65**, and **576500** is the 20% darker color. If you saturate the color by 10%, you get **8A9822**, and if you desaturate by 10%, it is **8E9840**.

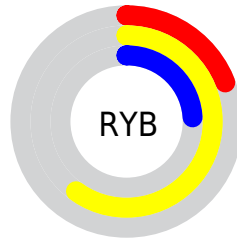
Distribution



Red (55%)

Green (60%)

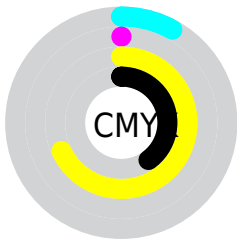
Blue (19%)



Red (19%)

Yellow (60%)

Blue (24%)

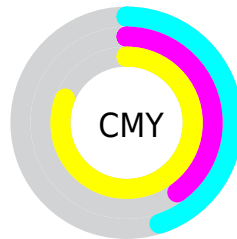


Cyan (8%)

Magenta (0%)

Yellow (68%)

Black (40%)



Cyan (45%)

Magenta (40%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C9831 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 8C9831 by changing the saturation by 10% instead.

 8C9831

 8C9831

FFFFFF

 717E14

 C4CE65

 576500

 E1EA80

 3E4D00

 FEFF9B

 243600

 FFFFB6

 082100

 FFFFD2

 000100

 FFFFEE

 000000

 8C9831

 8C9831

 8A9822

 8E9840

■ 889813

■ 90984F

■ 879803

■ 91985F

■ 869800

■ 93986E

■ 95987D

■ 97988C

■ 98989B

■ 9A98AB

■ 9C98BA

Harmonies

Analogous

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



B8892E



8C9831



53A251

Triad

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



8C9831



00A4D8



DF68A3

Complementary

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



8C9831



3D3198

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.



BB77CE



8C9831



009BEE

Square

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



8C9831



00A8B0



778BEA



E86873

Rectangle

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



8C9831



00A66F



778BEA



D66CB2

Sweetspot

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



8C9831



C0C49D



983B31



61634C



E3E3E3



636363

Same Dimension

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



8C9831



B2C425



5A9831



4C4D45



7C8C00



0B0D00

Inverse Universe

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



3D3198



3825C4



6F3198



46454D



10008C



01000D

Previews

White Background



This preview shows how the Hex color 8C9831 looks on a white background.

Color Contrast Check

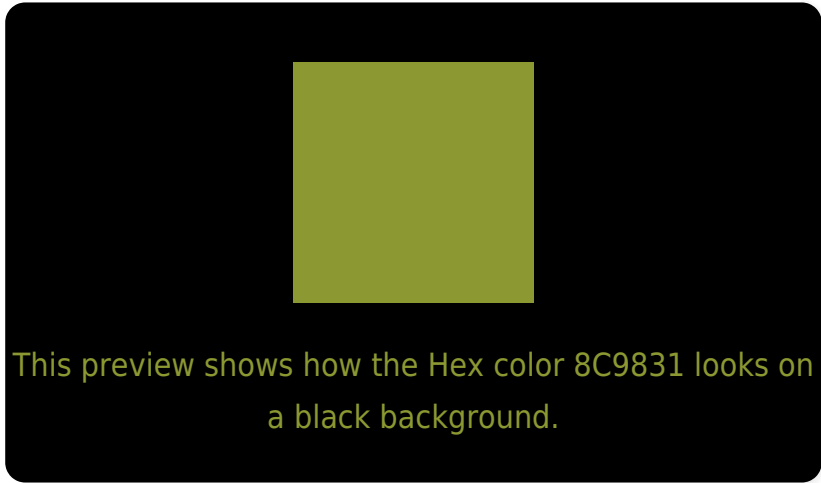
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C9831 Background



This preview shows how black text looks on a background with the Hex color 8C9831.



This preview shows how white text looks on a background with the Hex color 8C9831.

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
8C9831

Protanopia
A2912F

Deuteranopia
B48A36



Tritanopia
968E99

Trichromacy



Original Color
8C9831

Protanomaly
9A9430

Deuteranomaly
A58F34

Tritanomaly
929273

Monochromacy



Original Color
8C9831

Achromatopsia
898989

Achromatomaly
8A8E69

CSS Examples

Text

The CSS property to change the color of the text to Hex 8C9831 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 #8C9831 looks like.

```
.text, #text, p{  
    color:#8C9831  
}
```

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 #8C9831 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C9831
}
```

Border

The CSS property to change the border of an element to Hex 8C9831 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
#8C9831 }
```

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

```
.border{ border-color:#8C9831 }
```

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

Here you see how a box with a 4 pixel #8C9831 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C9831; -webkit-box-shadow:4px 4px  
4px 4px #8C9831; box-shadow:4px 4px 4px  
4px #8C9831 }
```

Background

The CSS property to change the background color of an element to Hex 8C9831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C9831 }
```

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

```
.background{ background-color:#8C9831 }
```

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