

Converting Colors

Hex(8C8D31)

Have a look what the booklet for
Hex(8C8D31) contains.

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Color

Hex(8C8D31)

Conversions

Conversions Part 1

Format	Color
Hex	8C8D31
RGB	140, 141, 49
RGB Percent	55%, 55%, 19%
CMY	0.4510, 0.4471, 0.8078
CMYK	0.01, 0.00, 0.65, 0.45
HSL	61°, 48%, 37%
HSV	61°, 65%, 55%
XYZ	20.8945, 24.8470, 6.6004
YIQ	130.2130, 28.9360, -28.8240

Conversions

Conversions Part 2

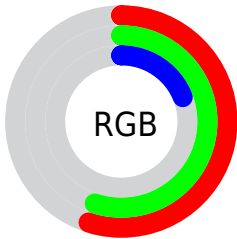
Format	Color
R_{YB}	49, 141, 50
Decimal	9211185
CIE Lab	56.93, -12.57, 47.17
CIE LCh	57, 48.815, 104.924
Yxy	24.8470, 0.3992, 0.4747
Android (android.graphics.Color)	4287401265 (0xFF8C8D31)
YUV	130.2130, -40.0380, 8.5832
Hunter-Lab	49.8467, -12.4091, 27.0419

Details

The Hex color **8C8D31** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **32318D**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **C4C264**, and **575B00** is the 20% darker color. If you saturate the color by 10%, you get **8C8D23**, and if you desaturate by 10%, it is **8C8D3F**.

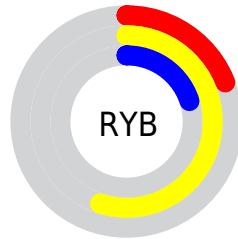
Distribution



Red (55%)

Green (55%)

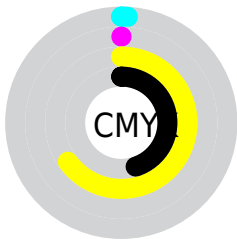
Blue (19%)



Red (19%)

Yellow (55%)

Blue (20%)

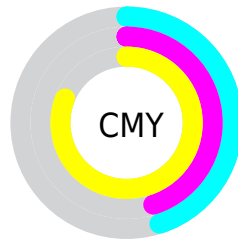


Cyan (1%)

Magenta (0%)

Yellow (65%)

Black (45%)



Cyan (45%)

Magenta (45%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C8D31 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 8C8D31 by changing the saturation by 10% instead.



8C8D31



8C8D31

FFFFFF



717416



C4C264



575B00



E1DE7E



3E4400



FEFB99



252E00



FFFFB5



061A00



FFFFD1



000000



FFFFED



8C8D31



8C8D31



8C8D23



8C8D3F

 8C8D15

 8C8D4D

 8C8D07

 8C8D5B

 8B8D00

 8D8D69

 8D8D78

 8D8D86

 8D8D94

 8D8DA2

 8D8DB0

Harmonies

Analogous

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



B27F34



8C8D31



5C974A

Triad

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



8C8D31



009BC4



CC66A0

Complementary

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



8C8D31



32318D

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.



A775C5



8C8D31



0093DA

Square

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



8C8D31



009E9D



6486DB



D86475

Rectangle

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



8C8D31



2C9B63



6486DB



C26AAD

Sweetspot

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



8C8D31



B7B893



8D3131



5C5C46



DBDBDB



5C5C5C

Same Dimension

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



8C8D31



B6B828



5F8D31



474740



868700



080800

Inverse Universe

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



32318D



2A28B8



5F318D



404047



010087



000008

Previews

White Background



This preview shows how the Hex color 8C8D31 looks on a white background.

Color Contrast Check

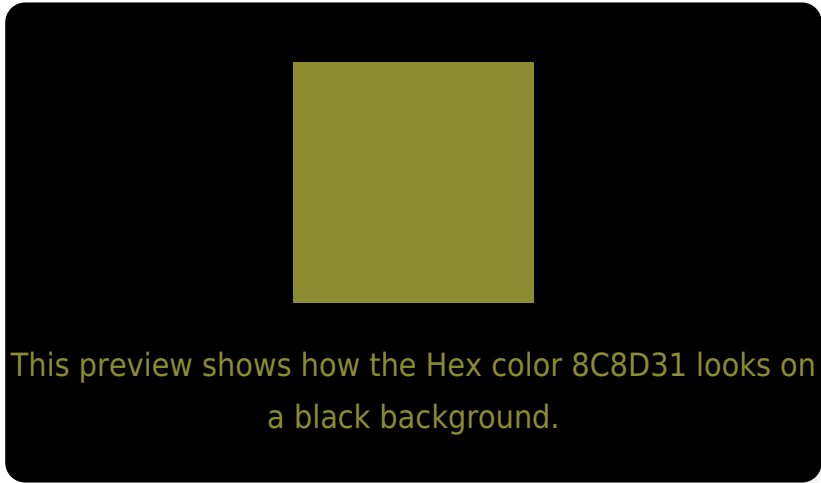
Large Text (above 18pt) WCAG AA ✓ Pass

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

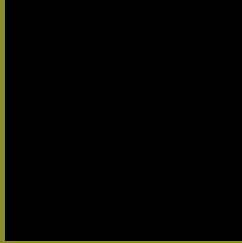
Any Text WCAG AA ✓ Pass

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 8C8D31 Background



This preview shows how black text looks on a background with the Hex color 8C8D31.



This preview shows how white text looks on a background with the Hex color 8C8D31.

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
8C8D31

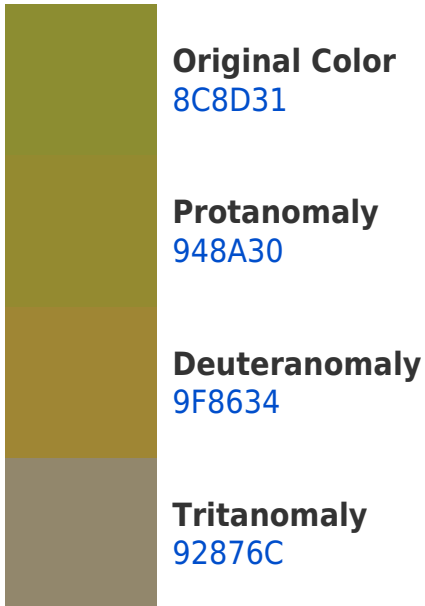
Protanopia
998930

Deuteranopia
AA8235



Tritanopia
95848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8C8D31 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 #8C8D31 looks like.

```
.text, #text, p{  
    color:#8C8D31  
}
```

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 #8C8D31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C8D31
}
```

Border

The CSS property to change the border of an element to Hex 8C8D31 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
#8C8D31 }
```

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

```
.border{ border-color:#8C8D31 }
```

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

Here you see how a box with a 4 pixel #8C8D31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C8D31; -webkit-box-shadow:4px 4px  
4px 4px #8C8D31; box-shadow:4px 4px 4px  
4px #8C8D31 }
```

Background

The CSS property to change the background color of an element to Hex 8C8D31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C8D31 }
```

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

```
.background{ background-color:#8C8D31 }
```

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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