

Converting Colors

Hex(81832A)

Have a look what the booklet for
Hex(81832A) contains.

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Color

Hex(81832A)

Conversions

Conversions Part 1

Format	Color
Hex	81832A
RGB	129, 131, 42
RGB Percent	51%, 51%, 16%
CMY	0.4941, 0.4863, 0.8353
CMYK	0.02, 0.00, 0.68, 0.49
HSL	61°, 51%, 34%
HSV	61°, 68%, 51%
XYZ	17.5875, 21.0669, 5.3298
YIQ	120.2560, 27.3770, -28.1030

Conversions

Conversions Part 2

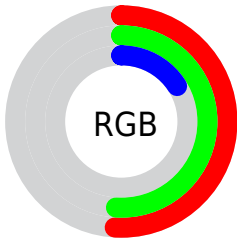
Format	Color
RYB	42, 131, 44
Decimal	8487722
CIELab	53.02, -12.59, 45.84
CIELCh	53, 47.541, 105.357
Yxy	21.0669, 0.3999, 0.4790
Android (android.graphics.Color)	4286677802 (0xFF81832A)
YUV	120.2560, -38.5802, 7.6685
Hunter-Lab	45.8987, -11.9250, 25.2442

Details

The Hex color **81832A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2C2A83**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B8B85D**, and **4D5200** is the 20% darker color. If you saturate the color by 10%, you get **81831D**, and if you desaturate by 10%, it is **818337**.

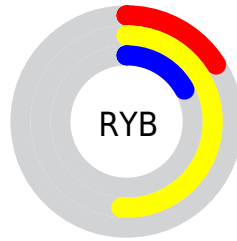
Distribution



Red (51%)

Green (51%)

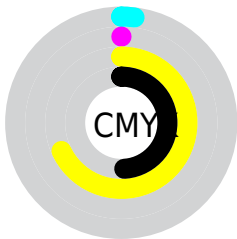
Blue (16%)



Red (16%)

Yellow (51%)

Blue (17%)

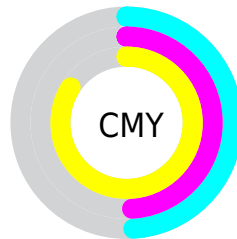


Cyan (2%)

Magenta (0%)

Yellow (68%)

Black (49%)



Cyan (49%)

Magenta (49%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81832A 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 81832A by changing the saturation by 10% instead.



81832A



81832A

FFFFFF



666A0E



B8B85D



4D5200



D5D377



343B00



F2F091



1B2500



FFFFAC



001200



FFFFC8



000000



FFFFE5



81832A



81832A



81831D



818337

■ 808310

■ 828344

■ 808303

■ 828351

■ 808300

■ 82835E

■ 82836B

■ 838379

■ 838386

■ 838393

■ 8483A0

Harmonies

Analogous

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



A6752C



81832A



528C42

Triad

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



81832A



0090B8



BF5D94

Complementary

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



81832A



2C2A83

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.



9C6BB8



81832A



0089CD

Square

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



81832A



009393



5C7CCE



CA5B6B

Rectangle

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



81832A



21905B



5C7CCE



B661A1

Sweetspot

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



81832A



AAAB89



832B2A



565742



D6D6D6



575757

Same Dimension

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



81832A



A8AB1F



55832A



42423C



7F8200



020300

Inverse Universe

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



2C2A83



221FAB



582A83



3C3C42



030082



000003

Previews

White Background



This preview shows how the Hex color 81832A looks on a white background.

Color Contrast Check

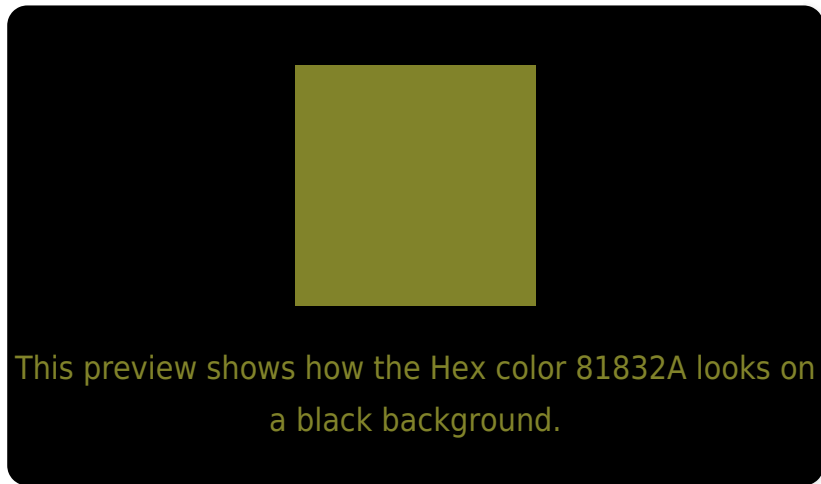
Large Text (above 18pt) WCAG AA ✓ Pass

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

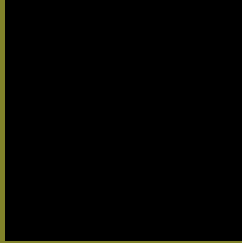
Any Text WCAG AA ✓ Pass

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 81832A Background



This preview shows how black text looks on a background with the Hex color 81832A.



This preview shows how white text looks on a background with the Hex color 81832A.

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
81832A

Protanopia
8E7F29

Deuteranopia
9E782E



Tritanopia
897A84

Trichromacy



Original Color
81832A

Protanomaly
898029

Deuteranomaly
937C2D

Tritanomaly
867D63

Monochromacy



Original Color
81832A

Achromatopsia
787878

Achromatomaly
7B7C5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 81832A 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 #81832A looks like.

```
.text, #text, p{  
    color:#81832A  
}
```

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 #81832A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81832A
}
```

Border

The CSS property to change the border of an element to Hex 81832A 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
#81832A }
```

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

```
.border{ border-color:#81832A }
```

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

Here you see how a box with a 4 pixel #81832A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81832A; -webkit-box-shadow:4px 4px  
4px 4px #81832A; box-shadow:4px 4px 4px  
4px #81832A }
```

Background

The CSS property to change the background color of an element to Hex 81832A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81832A }
```

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

```
.background{ background-color:#81832A }
```

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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