

Converting Colors

Hex(7B842A)

Have a look what the booklet for
Hex(7B842A) contains.

Hex(7B842A)	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(7B842A)

Conversions

Conversions Part 1

Format	Color
Hex	7B842A
RGB	123, 132, 42
RGB Percent	48%, 52%, 16%
CMY	0.5176, 0.4824, 0.8353
CMYK	0.07, 0.00, 0.68, 0.48
HSL	66°, 52%, 34%
HSV	66°, 68%, 52%
XYZ	16.8376, 20.8806, 5.3334
YIQ	119.0490, 23.5260, -29.8980

Conversions

Conversions Part 2

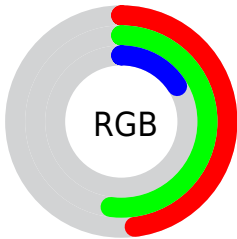
Format	Color
RYB	42, 132, 51
Decimal	8094762
CIELab	52.82, -15.82, 45.48
CIELCh	53, 48.148, 109.181
Yxy	20.8806, 0.3911, 0.4850
Android (android.graphics.Color)	4286284842 (0xFF7B842A)
YUV	119.0490, -37.9852, 3.4650
Hunter-Lab	45.6953, -14.1942, 25.0666

Details

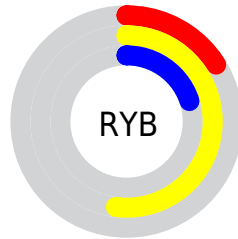
The Hex color **7B842A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **332A84**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B2B95D**, and **475300** is the 20% darker color. If you saturate the color by 10%, you get **7A841D**, and if you desaturate by 10%, it is **7C8437**.

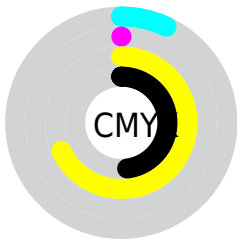
Distribution



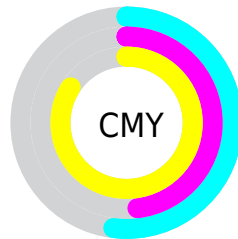
- Red (48%)
- Green (52%)
- Blue (16%)



- Red (16%)
- Yellow (52%)
- Blue (20%)



- Cyan (7%)
- Magenta (0%)
- Yellow (68%)
- Black (48%)



- Cyan (52%)
- Magenta (48%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B842A 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 7B842A by changing the saturation by 10% instead.



7B842A



7B842A

FFFFFF



616B0E



B2B95D



475300



CED577



2F3C00



EBF191



162600



FFFFAC



001200



FFFFC8



000000



FFFFE5



7B842A



7B842A



7A841D



7C8437

■ 788410

■ 7E8444

■ 778402

■ 7F8452

■ 778400

■ 80845F

■ 82846C

■ 838479

■ 848486

■ 868494

■ 8784A1

Harmonies

Analogous

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



A17729



7B842A



4A8D45

Triad

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



7B842A



008FBC



C25B8F

Complementary

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



7B842A



332A84

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.



A268B5



7B842A



0087CF

Square

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



7B842A



009298



6579CC



CA5A65

Rectangle

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



7B842A



02905F



6579CC



BA5E9C

Sweetspot

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



7B842A



A7AB89



84332A



555742



D6D6D6



575757

Same Dimension

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



7B842A



9DAB1F



4E842A



42423C



758200



020300

Inverse Universe

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



332A84



2D1FAB



602A84



3C3C42



0D0082



000003

Previews

White Background



This preview shows how the Hex color 7B842A looks on a white background.

Color Contrast Check

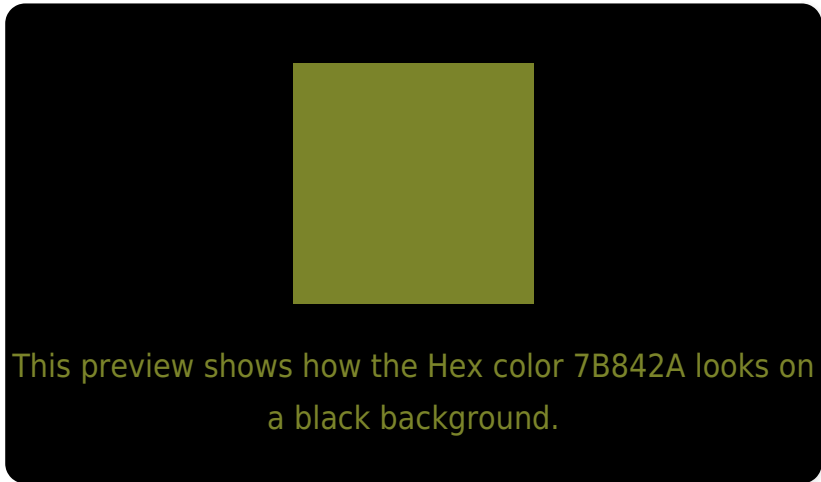
Large Text (above 18pt) WCAG AA ✓ Pass

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

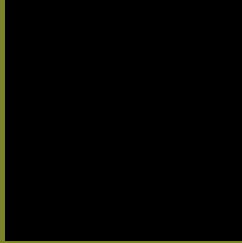
Any Text WCAG AA ✓ Pass

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 7B842A Background



This preview shows how black text looks on a background with the Hex color 7B842A.



This preview shows how white text looks on a background with the Hex color 7B842A.

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
7B842A

Protanopia
8D7E28

Deuteranopia
9D782E



Tritanopia
847B85

Trichromacy



Original Color
7B842A

Protanomaly
868029

Deuteranomaly
917C2D

Tritanomaly
817E64

Monochromacy



Original Color
7B842A

Achromatopsia
777777

Achromatomaly
787C5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B842A 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 #7B842A looks like.

```
.text, #text, p{  
    color:#7B842A  
}
```

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 #7B842A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B842A
}
```

Border

The CSS property to change the border of an element to Hex 7B842A 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
#7B842A }
```

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

```
.border{ border-color:#7B842A }
```

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

Here you see how a box with a 4 pixel #7B842A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B842A; -webkit-box-shadow:4px 4px  
4px 4px #7B842A; box-shadow:4px 4px 4px  
4px #7B842A }
```

Background

The CSS property to change the background color of an element to Hex 7B842A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B842A }
```

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

```
.background{ background-color:#7B842A }
```

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