

Converting Colors

Hex(7A822C)

Have a look what the booklet for
Hex(7A822C) contains.

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Color

Hex(7A822C)

Conversions

Conversions Part 1

Format	Color
Hex	7A822C
RGB	122, 130, 44
RGB Percent	48%, 51%, 17%
CMY	0.5216, 0.4902, 0.8275
CMYK	0.06, 0.00, 0.66, 0.49
HSL	66°, 49%, 34%
HSV	66°, 66%, 51%
XYZ	16.4633, 20.2847, 5.4305
YIQ	117.8040, 22.8380, -28.4420

Conversions

Conversions Part 2

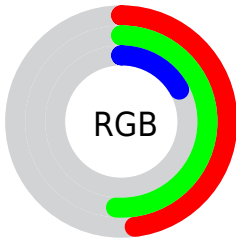
Format	Color
R_{YB}	44, 130, 52
Decimal	8028716
CIE _{Lab}	52.16, -15.07, 43.89
CIE _{LCh}	52, 46.408, 108.944
Yxy	20.2847, 0.3903, 0.4809
Android (android.graphics.Color)	4286218796 (0xFF7A822C)
YUV	117.8040, -36.3854, 3.6799
Hunter-Lab	45.0385, -13.5689, 24.3781

Details

The Hex color **7A822C** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **342C82**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B1B75E**, and **465100** is the 20% darker color. If you saturate the color by 10%, you get **79821F**, and if you desaturate by 10%, it is **7B8239**.

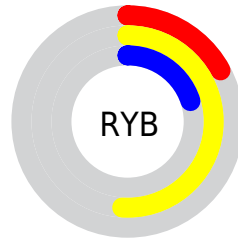
Distribution



Red (48%)

Green (51%)

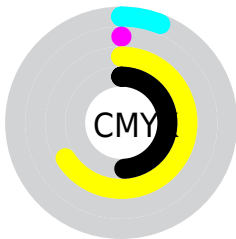
Blue (17%)



Red (17%)

Yellow (51%)

Blue (20%)

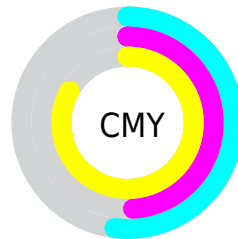


Cyan (6%)

Magenta (0%)

Yellow (66%)

Black (49%)



Cyan (52%)

Magenta (49%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A822C 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 7A822C by changing the saturation by 10% instead.

 7A822C

 7A822C

FFFFFF

 606911

 B1B75E

 465100

 CDD278

 2E3A00

 EAEF93

 152400

 FFFFAE

 000E00

 FFFFC A

 000000

 FFFF E6

 7A822C

 7A822C

 79821F

 7B8239

 788212

 7C8246

 768205

 7E8253

 768200

 7F8260

 80826D

 81827A

 828287

 848294

 8582A1

Harmonies

Analogous

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



9F752B



7A822C



4B8B46

Triad

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



7A822C



008DB8



BE5B8D

Complementary

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



7A822C



342C82

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.



9E67B1



7A822C



0085CA

Square

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



7A822C



009095



6478C8



C65A65

Rectangle

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



7A822C



118E5E



6478C8



B65E9A

Sweetspot

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



7A822C



A5A887



82332C



525440



D4D4D4



545454

Same Dimension

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



7A822C



9CA823



50822C



3F4039



748000



000000

Inverse Universe

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



342C82



3023A8



5E2C82



3A3940



0C0080



000000

Previews

White Background



This preview shows how the Hex color 7A822C looks on a white background.

Color Contrast Check

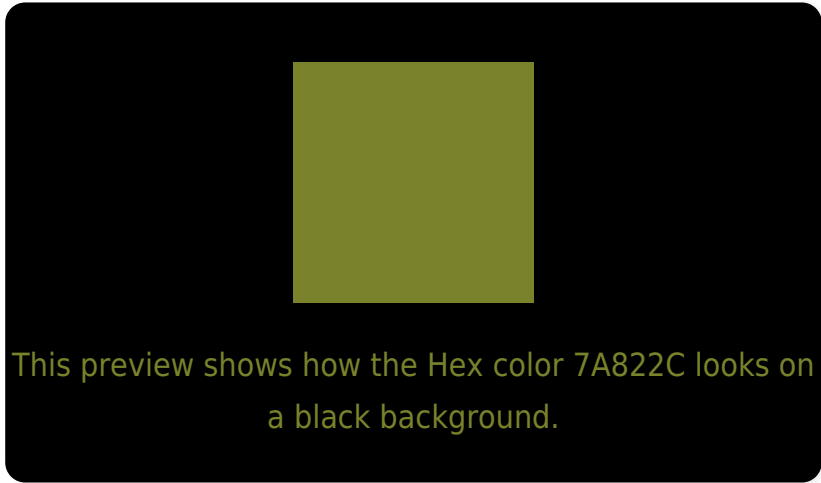
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A822C Background



This preview shows how black text looks on a background with the Hex color 7A822C.



This preview shows how white text looks on a background with the Hex color 7A822C.

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
7A822C

Protanopia
8B7D2B

Deuteranopia
9B7630



Tritanopia
827A83

Trichromacy



Original Color
7A822C

Protanomaly
857F2B

Deuteranomaly
8F7A2F

Tritanomaly
7F7D63

Monochromacy



Original Color
7A822C

Achromatopsia
767676

Achromatomaly
777A5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A822C 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 #7A822C looks like.

```
.text, #text, p{  
    color:#7A822C  
}
```

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 #7A822C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A822C
}
```

Border

The CSS property to change the border of an element to Hex 7A822C 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
#7A822C }
```

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

```
.border{ border-color:#7A822C }
```

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

Here you see how a box with a 4 pixel #7A822C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A822C; -webkit-box-shadow:4px 4px  
4px 4px #7A822C; box-shadow:4px 4px 4px  
4px #7A822C }
```

Background

The CSS property to change the background color of an element to Hex 7A822C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A822C }
```

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

```
.background{ background-color:#7A822C }
```

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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