

Converting Colors

Hex(82742A)

Have a look what the booklet for
Hex(82742A) contains.

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Color

Hex(82742A)

Conversions

Conversions Part 1

Format	Color
Hex	82742A
RGB	130, 116, 42
RGB Percent	51%, 45%, 16%
CMY	0.4902, 0.5451, 0.8353
CMYK	0.00, 0.11, 0.68, 0.49
HSL	50°, 51%, 34%
HSV	50°, 68%, 51%
XYZ	15.8692, 17.4038, 4.7134
YIQ	111.7500, 32.0980, -20.0460

Conversions

Conversions Part 2

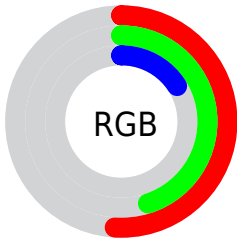
Format	Color
RYB	59, 130, 42
Decimal	8549418
CIELab	48.76, -3.84, 41.44
CIELCh	49, 41.616, 95.288
Yxy	17.4038, 0.4178, 0.4582
Android (android.graphics.Color)	4286739498 (0xFF82742A)
YUV	111.7500, -34.3867, 16.0053
Hunter-Lab	41.7178, -5.1058, 22.5038

Details

The Hex color **82742A** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2A3882**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **B9A85B**, and **4E4400** is the 20% darker color. If you saturate the color by 10%, you get **82721D**, and if you desaturate by 10%, it is **827637**.

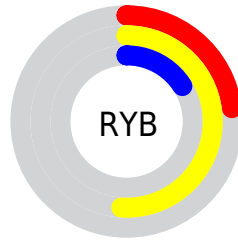
Distribution



Red (51%)

Green (45%)

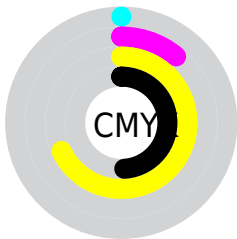
Blue (16%)



Red (23%)

Yellow (51%)

Blue (16%)

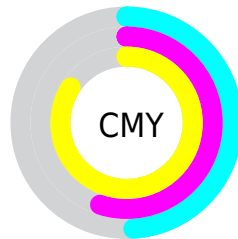


Cyan (0%)

Magenta (11%)

Yellow (68%)

Black (49%)



Cyan (49%)

Magenta (55%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82742A 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 82742A by changing the saturation by 10% instead.



82742A



82742A

FFFFFF



675C10



B9A85B



4E4400



D6C375



352E00



F3DF8F



1C1A00



FFFBAA



000000



FFFFC6



FFFFE2



82742A



82742A



82721D



827637

■ 827010

■ 827844

■ 826E03

■ 827A51

■ 826D00

■ 827C5E

■ 827E6B

■ 828078

■ 828285

■ 828592

■ 82879F

Harmonies

Analogous

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



9F6733



82742A



5D7D38

Triad

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



82742A



00849C



A45B92

Complementary

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



82742A



2A3882

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.



7E68AE



82742A



007FB3

Square

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



82742A



008579



3D76BA



B5556F

Rectangle

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



82742A



3E824A



3D76BA



9A5F9C

Sweetspot

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



82742A



A8A387



822A39



545140



D4D4D4



545454

Same Dimension

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



82742A



A89320



65822A



403F39



806B00



000000

Inverse Universe

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



2A3882



2036A8



472A82



393A40



001480



000000

Previews

White Background



This preview shows how the Hex color 82742A looks on a white background.

Color Contrast Check

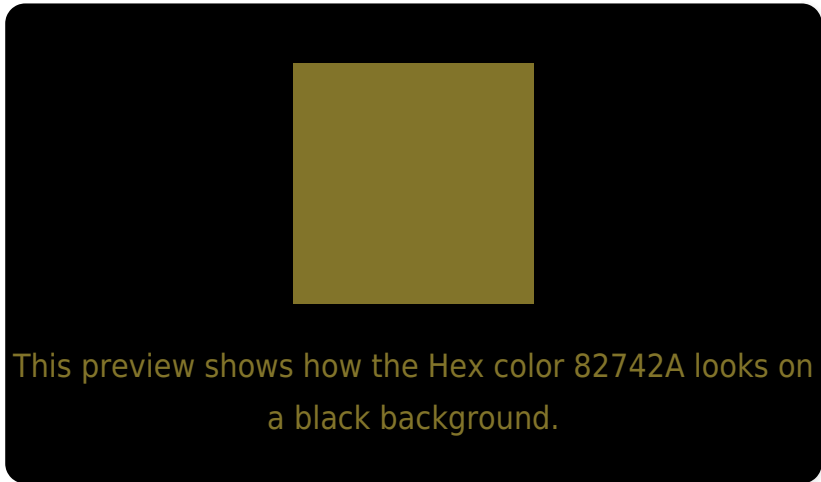
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 82742A Background



This preview shows how black text looks on a background with the Hex color 82742A.



This preview shows how white text looks on a background with the Hex color 82742A.

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
82742A

Protanopia
82742A

Deuteranopia
916E2C



Tritanopia
886D75

Trichromacy



Original Color
82742A

Protanomaly
82742A

Deuteranomaly
8C702B

Tritanomaly
86705A

Monochromacy



Original Color
82742A

Achromatopsia
707070

Achromatomaly
777157

CSS Examples

Text

The CSS property to change the color of the text to Hex 82742A 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 #82742A looks like.

```
.text, #text, p{  
    color:#82742A  
}
```

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 #82742A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82742A
}
```

Border

The CSS property to change the border of an element to Hex 82742A 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
#82742A }
```

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

```
.border{ border-color:#82742A }
```

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

Here you see how a box with a 4 pixel #82742A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82742A; -webkit-box-shadow:4px 4px  
4px 4px #82742A; box-shadow:4px 4px 4px  
4px #82742A }
```

Background

The CSS property to change the background color of an element to Hex 82742A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82742A }
```

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

```
.background{ background-color:#82742A }
```

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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