

Converting Colors

Hex(81642A)

Have a look what the booklet for
Hex(81642A) contains.

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Color

Hex(81642A)

Conversions

Conversions Part 1

Format	Color
Hex	81642A
RGB	129, 100, 42
RGB Percent	51%, 39%, 16%
CMY	0.4941, 0.6078, 0.8353
CMYK	0.00, 0.22, 0.67, 0.49
HSL	40°, 51%, 34%
HSV	40°, 67%, 51%
XYZ	14.0284, 13.9486, 4.1435
YIQ	102.0590, 35.9020, -11.8900

Conversions

Conversions Part 2

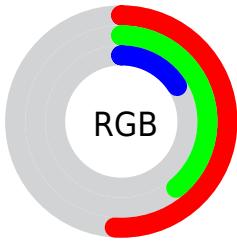
Format	Color
R_{YB}	86, 129, 42
Decimal	8479786
CIE Lab	44.16, 4.93, 36.45
CIE LCh	44, 36.783, 82.298
Yxy	13.9486, 0.4367, 0.4343
Android (android.graphics.Color)	4286669866 (0xFF81642A)
YUV	102.0590, -29.6091, 23.6273
Hunter-Lab	37.3479, 1.6882, 19.5657

Details

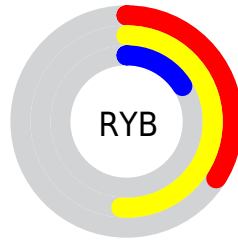
The Hex color **81642A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2A4781**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **B8975A**, and **4D3600** is the 20% darker color. If you saturate the color by 10%, you get **81601D**, and if you desaturate by 10%, it is **816837**.

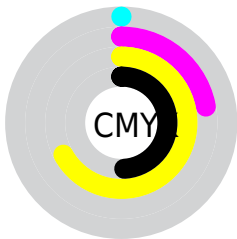
Distribution



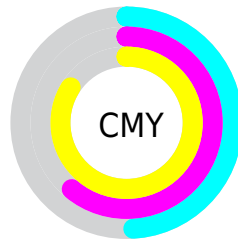
- Red (51%)
- Green (39%)
- Blue (16%)



- Red (34%)
- Yellow (51%)
- Blue (16%)



- Cyan (0%)
- Magenta (22%)
- Yellow (67%)
- Black (49%)



- Cyan (49%)
- Magenta (61%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81642A 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 81642A by changing the saturation by 10% instead.



81642A



81642A

FFFFFF



664C12



B8975A



4D3600



D5B173



332100



F2CD8D



1B0B00



FFE9A8



000000



FFFFC4



FFFFE0



FFFFFFD



81642A



81642A

■ 81601D

■ 816837

■ 815B10

■ 816D44

■ 815703

■ 817151

■ 815600

■ 81755E

■ 81796A

■ 817E77

■ 818284

■ 818691

■ 818B9E

Harmonies

Analogous

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



975939



81642A



646E2D

Triad

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



81642A



00787F



86578E

Complementary

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



81642A



2A4781

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.



5E63A1



81642A



007598

Square

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



81642A



00775F



0E6EA5



9D4F72

Rectangle

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



81642A



4C7239



0E6EA5



7B5B96

Sweetspot

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



81642A



A89D87



812A47



544D40



D4D4D4



545454

Same Dimension

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



81642A



A87B20



72812A



403E39



805500



000000

Inverse Universe

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



2A4781



204DA8



382A81



393C40



002A80



000000

Previews

White Background



This preview shows how the Hex color 81642A looks on a white background.

Color Contrast Check

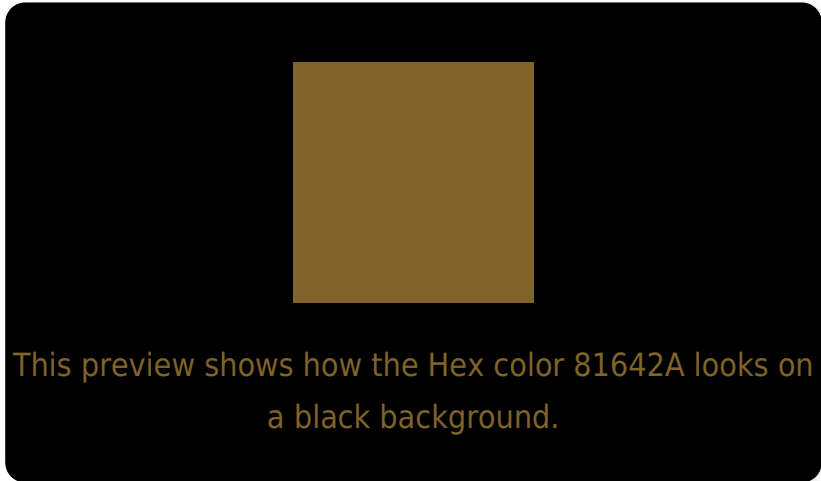
Large Text (above 18pt) WCAG AA ✓ Pass

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

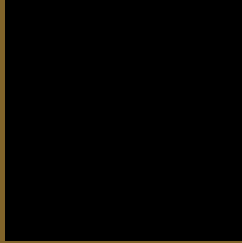
Any Text WCAG AA × Fail

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 81642A Background



This preview shows how black text looks on a background with the Hex color 81642A.



This preview shows how white text looks on a background with the Hex color 81642A.

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
81642A

Protanopia
75692B

Deuteranopia
82632A



Tritanopia
855E65

Trichromacy



Original Color
81642A

Protanomaly
79672B

Deuteranomaly
82632A

Tritanomaly
846050

Monochromacy



Original Color
81642A

Achromatopsia
666666

Achromatomaly
706550

CSS Examples

Text

The CSS property to change the color of the text to Hex 81642A 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 #81642A looks like.

```
.text, #text, p{  
    color:#81642A  
}
```

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 #81642A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81642A
}
```

Border

The CSS property to change the border of an element to Hex 81642A 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
#81642A }
```

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

```
.border{ border-color:#81642A }
```

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

Here you see how a box with a 4 pixel #81642A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81642A; -webkit-box-shadow:4px 4px  
4px 4px #81642A; box-shadow:4px 4px 4px  
4px #81642A }
```

Background

The CSS property to change the background color of an element to Hex 81642A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81642A }
```

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

```
.background{ background-color:#81642A }
```

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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