

# Converting Colors

Hex(81462A)

Have a look what the booklet for  
Hex(81462A) contains.

<b>Hex(81462A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(81462A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	81462A
RGB	129, 70, 42
RGB Percent	51%, 27%, 16%
CMY	0.4941, 0.7255, 0.8353
CMYK	0.00, 0.46, 0.67, 0.49
HSL	19°, 51%, 34%
HSV	19°, 67%, 51%
XYZ	11.6613, 9.2146, 3.3545
YIQ	84.4490, 44.1520, 3.8000

# Conversions

## Conversions Part 2

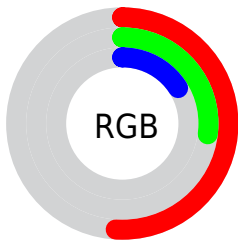
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 83, 42
Decimal	8472106
CIE <sub>Lab</sub>	36.39, 22.61, 27.64
CIE <sub>LCh</sub>	36, 35.710, 50.709
Yxy	9.2146, 0.4813, 0.3803
Android (android.graphics.Color)	4286662186 (0xFF81462A)
YUV	84.4490, -20.9274, 39.0712
Hunter-Lab	30.3556, 15.4499, 14.6970

# Details

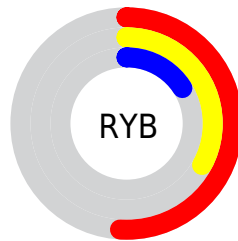
The Hex color **81462A** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **2A6581**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **B97758**, and **4C1800** is the 20% darker color. If you saturate the color by 10%, you get **813D1D**, and if you desaturate by 10%, it is **814F37**.

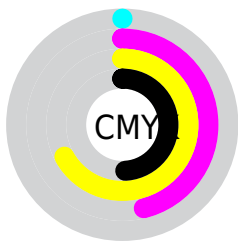
# Distribution



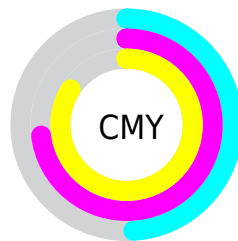
- Red (51%)
- Green (27%)
- Blue (16%)



- Red (51%)
- Yellow (33%)
- Blue (16%)



- Cyan (0%)
- Magenta (46%)
- Yellow (67%)
- Black (49%)



- Cyan (49%)
- Magenta (73%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81462A 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 81462A by changing the saturation by 10% instead.



 81462A

 81462A

FFFFFF

 662F14

 B97758

 4C1800

 D69171

 310300

 F4AC8B

 110000

 FFC7A5


 000000

 FFE3C0

 FFFFDC

 FFFFF9

 81462A

 81462A

■ 813D1D

■ 814F37

■ 813510

■ 815744

■ 812C03

■ 816051

■ 812A00

■ 81695E

■ 81726A

■ 817A77

■ 818384

■ 818C91

■ 81959E

# Harmonies

## Analogous

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



8A3D43



81462A



6D511A

# Triad

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



81462A



00634B



48528B

# Complementary

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



81462A



2A6581

# 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.



005B8E



81462A



006469

# Square

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



81462A



306030



006181



70467A

# Rectangle

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



81462A



5C5719



006181



34558E



# Sweetspot

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



81462A



A89187



812A65



544640



D4D4D4



545454



# Same Dimension

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



81462A



A84C20



81712A



403B39



802900



000000



# Inverse Universe

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



2A6581



207CA8



2A3A81



393E40



005680



000000



# Previews

## White Background



This preview shows how the Hex color 81462A looks on a white background.

## Color Contrast Check

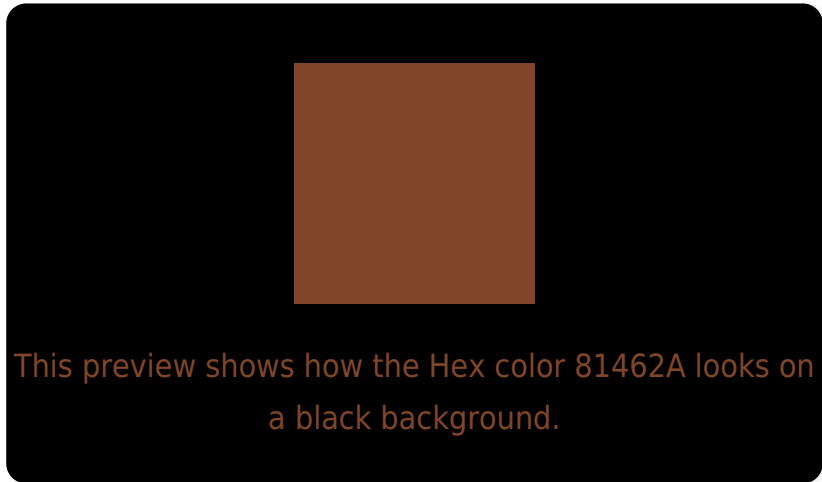
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 81462A Background



This preview shows how black text looks on a background with the Hex color 81462A.



This preview shows how white text looks on a background with the Hex color 81462A.

# 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**  
81462A

**Protanopia**  
5F562F

**Deuteranopia**  
6B5227



**Tritanopia**  
834247

# Trichromacy



**Original Color**  
81462A

**Protanomaly**  
6B502D

**Deuteranomaly**  
734E28

**Tritanomaly**  
82433C

# Monochromacy



**Original Color**  
81462A

**Achromatopsia**  
545454

**Achromatomaly**  
644F45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81462A 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 #81462A looks like.

```
.text, #text, p{  
    color:#81462A  
}
```

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 #81462A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81462A
}
```

## Border

The CSS property to change the border of an element to Hex 81462A is called "border". The border property can be set on classes, ids or directly on the HTML element.

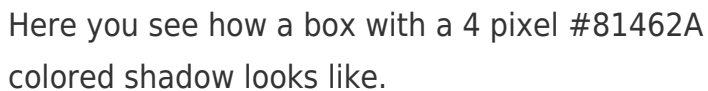
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81462A }
```

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

```
.border{ border-color:#81462A }
```

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



Here you see how a box with a 4 pixel #81462A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81462A; -webkit-box-shadow:4px 4px  
4px 4px #81462A; box-shadow:4px 4px 4px  
4px #81462A }
```

# Background

The CSS property to change the background color of an element to Hex 81462A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81462A }
```

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

```
.background{ background-color:#81462A }
```

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