

Converting Colors

Hex(81362A)

Have a look what the booklet for
Hex(81362A) contains.

Hex(81362A)	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(81362A)

Conversions

Conversions Part 1

Format	Color
Hex	81362A
RGB	129, 54, 42
RGB Percent	51%, 21%, 16%
CMY	0.4941, 0.7882, 0.8353
CMYK	0.00, 0.58, 0.67, 0.49
HSL	8°, 51%, 34%
HSV	8°, 67%, 51%
XYZ	10.7903, 7.4726, 3.0641
YIQ	75.0570, 48.5520, 12.1680

Conversions

Conversions Part 2

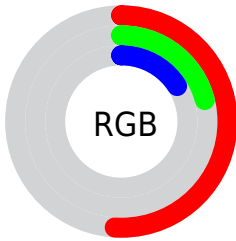
Format	Color
R_{YB}	129, 56, 42
Decimal	8468010
CIE _{Lab}	32.86, 31.50, 23.41
CIE _{LCh}	33, 39.247, 36.612
Yxy	7.4726, 0.5059, 0.3504
Android (android.graphics.Color)	4286658090 (0xFF81362A)
YUV	75.0570, -16.2971, 47.3080
Hunter-Lab	27.3361, 22.6209, 12.4894

Details

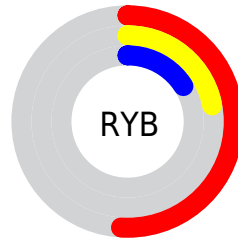
The Hex color **81362A** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2A7581**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **BA6758**, and **4B0300** is the 20% darker color. If you saturate the color by 10%, you get **812B1D**, and if you desaturate by 10%, it is **814137**.

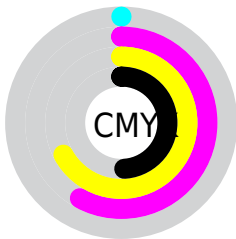
Distribution



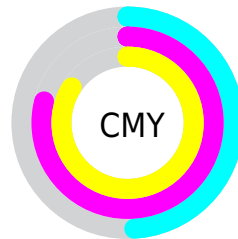
- Red (51%)
- Green (21%)
- Blue (16%)



- Red (51%)
- Yellow (22%)
- Blue (16%)



- Cyan (0%)
- Magenta (58%)
- Yellow (67%)
- Black (49%)




- Cyan (49%)
- Magenta (79%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81362A 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 81362A by changing the saturation by 10% instead.

 81362A

 81362A

FFFFFF

 651E15

 BA6758

 4B0300

 D78170

 310000

 F59C8A

 020000


 FFB7A4


 000000

 FFD3BF

 FFEFDB

 FFFFF8

 81362A

 81362A

■ 812B1D

■ 814137

■ 812010

■ 814C44

■ 811503

■ 815751

■ 811200

■ 81625E

■ 816E6A

■ 817977

■ 818484

■ 818F91

■ 819A9E

Harmonies

Analogous

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



852F48



81362A



704311

Triad

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



81362A



005A33



0B4F8B

Complementary

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



81362A



2A7581

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.



005786



81362A



005C53

Square

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



81362A



365617



005B71



57427F

Rectangle

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



81362A



604B07



005B71



00528B

Sweetspot

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



81362A



A88B87



812A75



544340



D4D4D4



545454

Same Dimension

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



81362A



A83320



81612A



403A39



801200



000000

Inverse Universe

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



2A7581



2095A8



2A4A81



393F40



006E80



000000

Previews

White Background



This preview shows how the Hex color 81362A looks on a white background.

Color Contrast Check

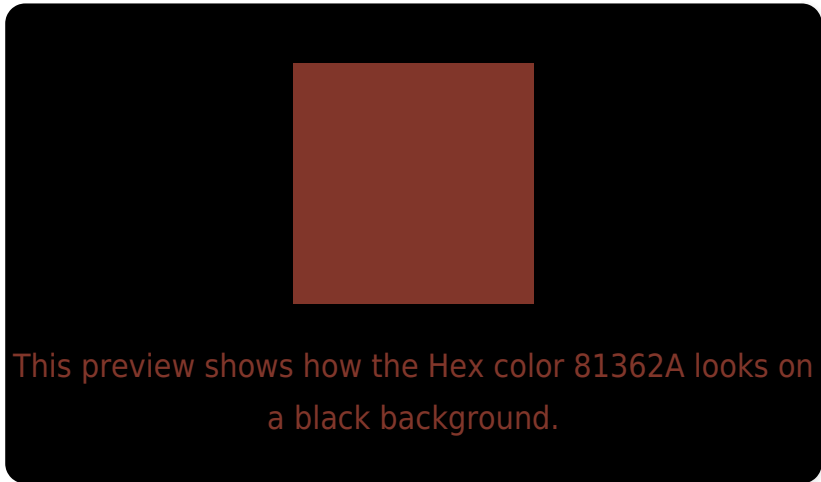
Large Text (above 18pt) WCAG AA ✓ Pass

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

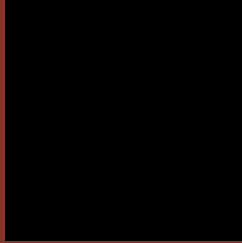
Any Text WCAG AA × Fail

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 81362A Background



This preview shows how black text looks on a background with the Hex color 81362A.

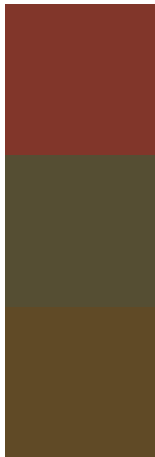


This preview shows how white text looks on a background with the Hex color 81362A.

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
81362A

Protanopia
554E33

Deuteranopia
604A26



Tritanopia
823438

Trichromacy



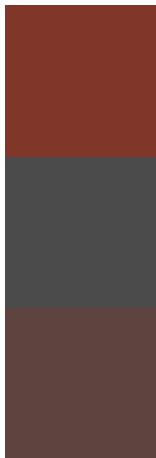
Original Color
81362A

Protanomaly
654530

Deuteranomaly
6C4327

Tritanomaly
823533

Monochromacy



Original Color
81362A

Achromatopsia
4B4B4B

Achromatomaly
5F433F

CSS Examples

Text

The CSS property to change the color of the text to Hex 81362A 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 #81362A looks like.

```
.text, #text, p{  
  color:#81362A  
}
```

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 #81362A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81362A
}
```

Border

The CSS property to change the border of an element to Hex 81362A is called "border". The border property can be set on classes, ids or directly on the HTML element.

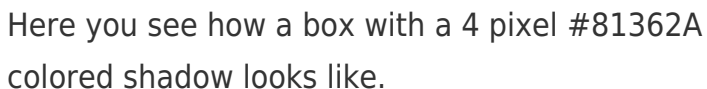
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81362A }
```

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

```
.border{ border-color:#81362A }
```

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



Here you see how a box with a 4 pixel #81362A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81362A; -webkit-box-shadow:4px 4px  
4px 4px #81362A; box-shadow:4px 4px 4px  
4px #81362A }
```

Background

The CSS property to change the background color of an element to Hex 81362A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81362A }
```

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

```
.background{ background-color:#81362A }
```

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