

Converting Colors

Hex(802C32)

Have a look what the booklet for
Hex(802C32) contains.

Hex(802C32)	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(802C32)

Conversions

Conversions Part 1

Format	Color
Hex	802C32
RGB	128, 44, 50
RGB Percent	50%, 17%, 20%
CMY	0.4980, 0.8275, 0.8039
CMYK	0.00, 0.66, 0.61, 0.50
HSL	356°, 49%, 34%
HSV	356°, 66%, 50%
XYZ	10.3785, 6.6208, 3.7486
YIQ	69.8000, 48.1380, 19.6740

Conversions

Conversions Part 2

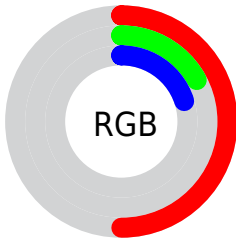
Format	Color
R_{YB}	128, 44, 50
Decimal	8399922
CIE Lab	30.93, 36.71, 15.85
CIE LCh	31, 39.984, 23.350
Yxy	6.6208, 0.5002, 0.3191
Android (android.graphics.Color)	4286590002 (0xFF802C32)
YUV	69.8000, -9.7614, 51.0414
Hunter-Lab	25.7310, 26.9680, 9.3742

Details

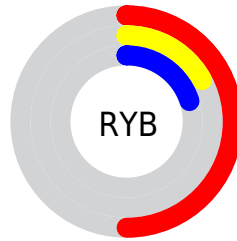
The Hex color **802C32** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2C807A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **B95E60**, and **4A0004** is the 20% darker color. If you saturate the color by 10%, you get **801F26**, and if you desaturate by 10%, it is **80393E**.

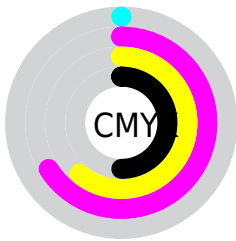
Distribution



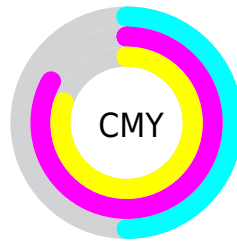
- Red (50%)
- Green (17%)
- Blue (20%)



- Red (50%)
- Yellow (17%)
- Blue (20%)



- Cyan (0%)
- Magenta (66%)
- Yellow (61%)
- Black (50%)



- Cyan (50%)
- Magenta (83%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 802C32 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 802C32 by changing the saturation by 10% instead.

 802C32

 802C32

FFFFFF

 64111D


 B95E60

 4A0004

 D67879

 310001

 F49393

 000000

 FFAEAD

 FFCAC8

 FFE6E5

 802C32

 802C32

 801F26

 80393E

■ 80121A

■ 80464A

■ 80060E

■ 805256

■ 800009

■ 805F62

■ 806C6D

■ 807979

■ 808685

■ 809291

■ 809F9D

Harmonies

Analogous

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



7D2A51



802C32



743816

Triad

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



802C32



145421



004F87

Complementary

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



802C32



2C807A

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.



00557B



802C32



005741

Square

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



802C32



404E05



005761



3B4382

Rectangle

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



802C32



664106



005761



005185

Sweetspot

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



802C32



A68587



792C80



544041



D4D4D4



545454

Same Dimension

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



802C32



A6232C



804F2C



40393A



800009



000000

Inverse Universe

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



802C32



A6232C



2C5D80



40393A



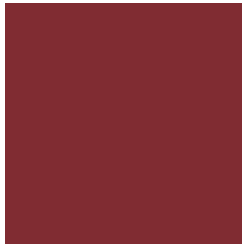
800009



000000

Previews

White Background



This preview shows how the Hex color 802C32 looks on a white background.

Color Contrast Check

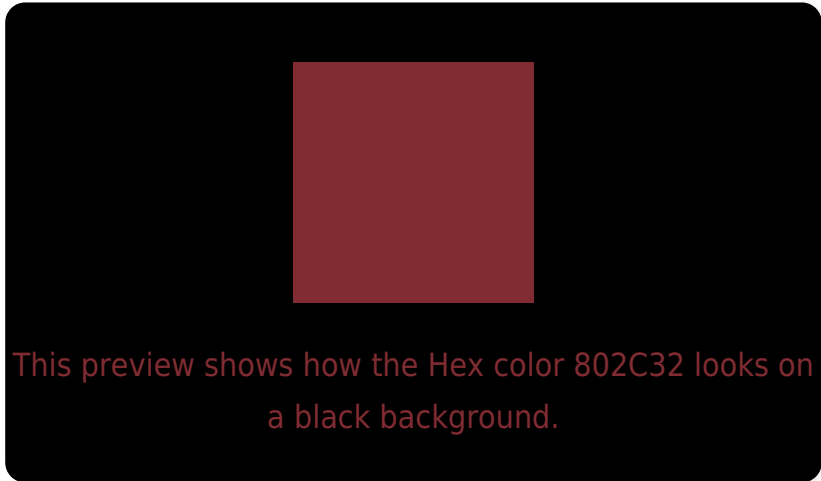
Large Text (above 18pt) WCAG AA ✓ Pass

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

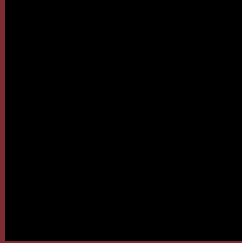
Any Text WCAG AA × Fail

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 802C32 Background



This preview shows how black text looks on a background with the Hex color 802C32.



This preview shows how white text looks on a background with the Hex color 802C32.

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
802C32

Protanopia
4E4A3F

Deuteranopia
59472E



Tritanopia
802C2F

Trichromacy



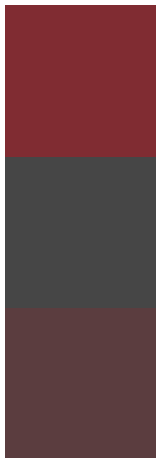
Original Color
802C32

Protanomaly
603F3A

Deuteranomaly
673D2F

Tritanomaly
802C30

Monochromacy



Original Color
802C32

Achromatopsia
464646

Achromatomaly
5B3D3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 802C32 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 #802C32 looks like.

```
.text, #text, p{  
    color:#802C32  
}
```

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 #802C32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802C32
}
```

Border

The CSS property to change the border of an element to Hex 802C32 is called "border". The border property can be set on classes, ids or directly on the HTML element.

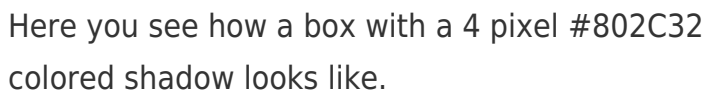
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#802C32 }
```

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

```
.border{ border-color:#802C32 }
```

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



Here you see how a box with a 4 pixel #802C32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802C32; -webkit-box-shadow:4px 4px  
4px 4px #802C32; box-shadow:4px 4px 4px  
4px #802C32 }
```

Background

The CSS property to change the background color of an element to Hex 802C32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802C32 }
```

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

```
.background{ background-color:#802C32 }
```

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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