

Converting Colors

Hex(803321)

Have a look what the booklet for
Hex(803321) contains.

Hex(803321)	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(803321)

Conversions

Conversions Part 1

Format	Color
Hex	803321
RGB	128, 51, 33
RGB Percent	50%, 20%, 13%
CMY	0.4980, 0.8000, 0.8706
CMYK	0.00, 0.60, 0.74, 0.50
HSL	11°, 59%, 32%
HSV	11°, 74%, 50%
XYZ	10.3604, 7.0667, 2.2568
YIQ	71.9710, 51.6700, 10.7260

Conversions

Conversions Part 2

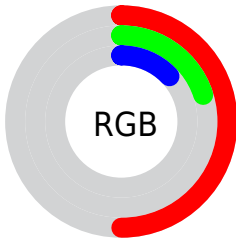
Format	Color
R_{YB}	128, 55, 33
Decimal	8401697
CIE _{Lab}	31.96, 32.13, 27.75
CIE _{LCh}	32, 42.453, 40.816
Yxy	7.0667, 0.5263, 0.3590
Android (android.graphics.Color)	4286591777 (0xFF803321)
YUV	71.9710, -19.2127, 49.1374
Hunter-Lab	26.5832, 23.0474, 13.5748

Details

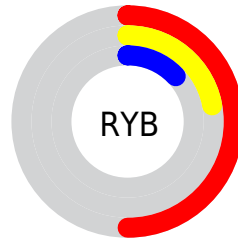
The Hex color **803321** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **216E80**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **BA644E**, and **490000** is the 20% darker color. If you saturate the color by 10%, you get **802914**, and if you desaturate by 10%, it is **803D2E**.

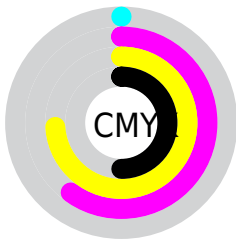
Distribution



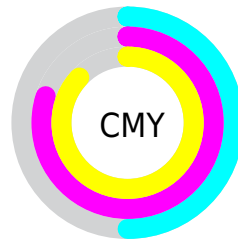
- Red (50%)
- Green (20%)
- Blue (13%)



- Red (50%)
- Yellow (22%)
- Blue (13%)



- Cyan (0%)
- Magenta (60%)
- Yellow (74%)
- Black (50%)



- Cyan (50%)
- Magenta (80%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 803321 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 803321 by changing the saturation by 10% instead.

 803321

 803321

FFFFFF

 641B0B

 BA644E

 490000

 D77E66

 300000

 F59880

 000000

 FFB49A

 FFD0B5

 FFECD0

 FFFFEC

 803321

 803321

■ 802914

■ 803D2E

■ 801E07

■ 80483B

■ 801800

■ 805247

■ 805C54

■ 806761

■ 80716E

■ 807C7B

■ 808687

■ 809094

Harmonies

Analogous

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



872941



803321



6C4204

Triad

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



803321



005934



0F4B8D

Complementary

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



803321



216E80

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.



00558A



803321



005B57

Square

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



803321



2B5513



005976



5C3D7E

Rectangle

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



803321



5A4A00



005976



004F8E

Sweetspot

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



803321



A68881



80216F



54423E



D4D4D4



545454

Same Dimension

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



803321



A62E12



806221



403B39



801800



000000

Inverse Universe

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



216E80



128AA6



213F80



393F40



006780



000000

Previews

White Background



This preview shows how the Hex color 803321 looks on a white background.

Color Contrast Check

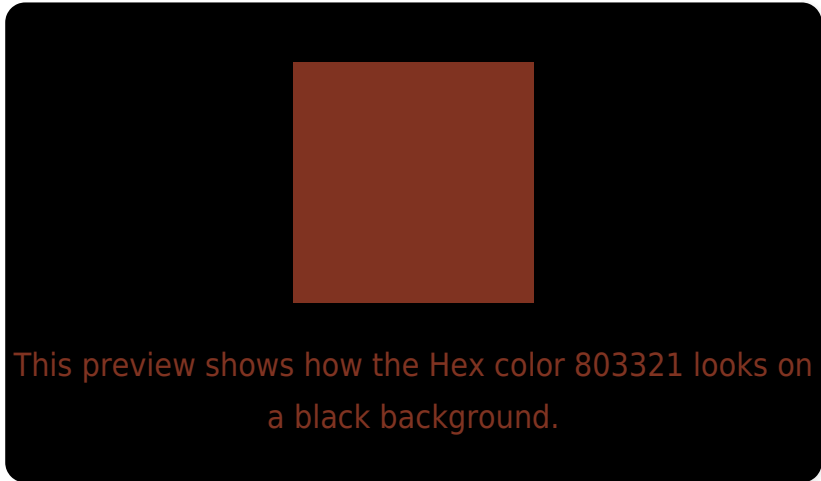
Large Text (above 18pt) WCAG AA ✓ Pass

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 803321 Background



This preview shows how black text looks on a background with the Hex color 803321.

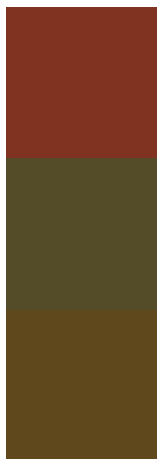


This preview shows how white text looks on a background with the Hex color 803321.

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
803321

Protanopia
544C29

Deuteranopia
5F481C



Tritanopia
813134

Trichromacy



Original Color
803321

Protanomaly
644326

Deuteranomaly
6B401E

Tritanomaly
81322D

Monochromacy



Original Color
803321

Achromatopsia
484848

Achromatomaly
5C403A

CSS Examples

Text

The CSS property to change the color of the text to Hex 803321 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 #803321 looks like.

```
.text, #text, p{  
    color:#803321  
}
```

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 #803321 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #803321
}
```

Border

The CSS property to change the border of an element to Hex 803321 is called "border". The border property can be set on classes, ids or directly on the HTML element.

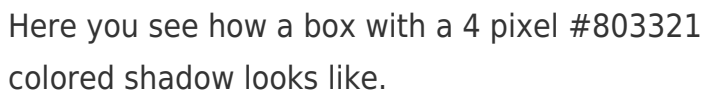
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#803321 }
```

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

```
.border{ border-color:#803321 }
```

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



Here you see how a box with a 4 pixel #803321 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #803321; -webkit-box-shadow:4px 4px  
4px 4px #803321; box-shadow:4px 4px 4px  
4px #803321 }
```

Background

The CSS property to change the background color of an element to Hex 803321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#803321 }
```

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

```
.background{ background-color:#803321 }
```

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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