

Converting Colors

Hex(813022)

Have a look what the booklet for
Hex(813022) contains.

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Color

Hex(813022)

Conversions

Conversions Part 1

Format	Color
Hex	813022
RGB	129, 48, 34
RGB Percent	51%, 19%, 13%
CMY	0.4941, 0.8118, 0.8667
CMYK	0.00, 0.63, 0.74, 0.49
HSL	9°, 58%, 32%
HSV	9°, 74%, 51%
XYZ	10.3989, 6.8965, 2.2965
YIQ	70.6230, 52.7700, 12.8180

Conversions

Conversions Part 2

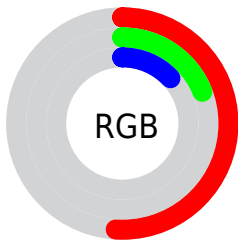
Format	Color
R_{YB}	129, 50, 34
Decimal	8466466
CIE _{Lab}	31.57, 34.10, 26.76
CIE _{LCh}	32, 43.344, 38.125
Yxy	6.8965, 0.5308, 0.3520
Android (android.graphics.Color)	4286656546 (0xFF813022)
YUV	70.6230, -18.0551, 51.1966
Hunter-Lab	26.2612, 24.7254, 13.1982

Details

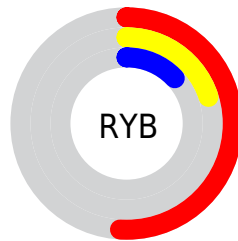
The Hex color **813022** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **227381**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **BB624F**, and **490000** is the 20% darker color. If you saturate the color by 10%, you get **812515**, and if you desaturate by 10%, it is **813B2F**.

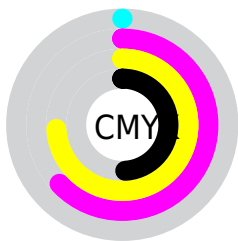
Distribution



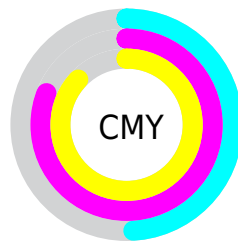
- Red (51%)
- Green (19%)
- Blue (13%)



- Red (51%)
- Yellow (20%)
- Blue (13%)



- Cyan (0%)
- Magenta (63%)
- Yellow (74%)
- Black (49%)



- Cyan (49%)
- Magenta (81%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 813022 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 813022 by changing the saturation by 10% instead.

 813022

 813022

FFFFFF

 65170D

 BB624F

 490000

 D87B67

 300001

 F79680


 000000

 FFB19B

 FFCDB5

 FFE9D1

 FFFFED

 813022

 813022

■ 812515

■ 813B2F

■ 811A08

■ 81463C

■ 811300

■ 815149

■ 815C56

■ 816762

■ 81726F

■ 817D7C

■ 818889

■ 819396

Harmonies

Analogous

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



862642



813022



6E3F03

Triad

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



813022



00582F



004B8E

Complementary

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



813022



227381

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.



005589



813022



005A53

Square

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



813022



2D540D



005974



573D80

Rectangle

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



813022



5C4800



005974



004F8F

Sweetspot

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



813022



A88983



812274



54413E



D4D4D4



545454

Same Dimension

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



813022



A82A14



815E22



403A39



801300



000000

Inverse Universe

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



227381



1492A8



224581



393F40



006D80



000000

Previews

White Background



This preview shows how the Hex color 813022 looks on a white background.

Color Contrast Check

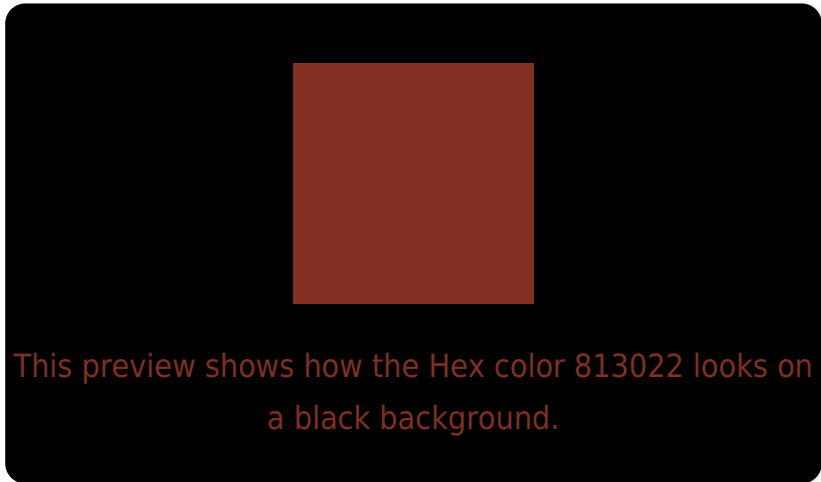
Large Text (above 18pt) WCAG AA ✓ Pass

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 813022 Background



This preview shows how black text looks on a background with the Hex color 813022.

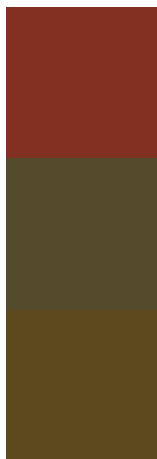


This preview shows how white text looks on a background with the Hex color 813022.

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
813022

Protanopia
534B2B

Deuteranopia
5E481D



Tritanopia
822E31

Trichromacy



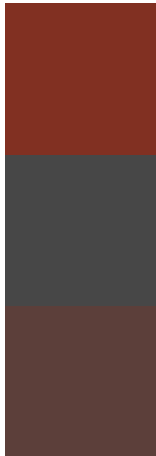
Original Color
813022

Protanomaly
644128

Deuteranomaly
6B3F1F

Tritanomaly
822F2C

Monochromacy



Original Color
813022

Achromatopsia
474747

Achromatomaly
5C3F3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 813022 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 #813022 looks like.

```
.text, #text, p{  
  color:#813022  
}
```

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 #813022 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #813022
}
```

Border

The CSS property to change the border of an element to Hex 813022 is called "border". The border property can be set on classes, ids or directly on the HTML element.

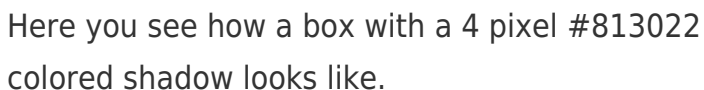
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#813022 }
```

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

```
.border{ border-color:#813022 }
```

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



Here you see how a box with a 4 pixel #813022 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #813022; -webkit-box-shadow:4px 4px  
4px 4px #813022; box-shadow:4px 4px 4px  
4px #813022 }
```

Background

The CSS property to change the background color of an element to Hex 813022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#813022 }
```

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

```
.background{ background-color:#813022 }
```

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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