

Converting Colors

Hex(813C3D)

Have a look what the booklet for
Hex(813C3D) contains.

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Color

Hex(813C3D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 813C3D |
| RGB | 129, 60, 61 |
| RGB Percent | 51%, 24%, 24% |
| CMY | 0.4941, 0.7647, 0.7608 |
| CMYK | 0.00, 0.53, 0.53, 0.49 |
| HSL | 359°, 37%, 37% |
| HSV | 359°, 53%, 51% |
| XYZ | 11.5114, 8.2358, 5.3978 |
| YIQ | 80.7450, 40.8030, 14.9390 |

Conversions

Conversions Part 2

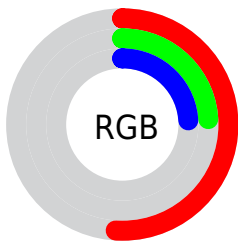
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 129, 60, 61 |
| Decimal | 8469565 |
| CIE Lab | 34.47, 29.84, 13.54 |
| CIE LCh | 34, 32.772, 24.413 |
| Yxy | 8.2358, 0.4578, 0.3275 |
| Android (android.graphics.Color) | 4286659645 (0xFF813C3D) |
| YUV | 80.7450, -9.7343, 42.3196 |
| Hunter-Lab | 28.6980, 21.3788, 8.9367 |

Details

The Hex color **813C3D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3C8180**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **B96D6C**, and **4C0B13** is the 20% darker color. If you saturate the color by 10%, you get **812F30**, and if you desaturate by 10%, it is **81494A**.

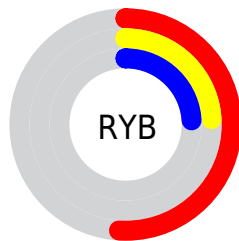
Distribution



Red (51%)

Green (24%)

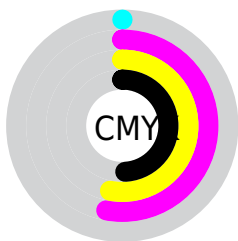
Blue (24%)



Red (51%)

Yellow (24%)

Blue (24%)

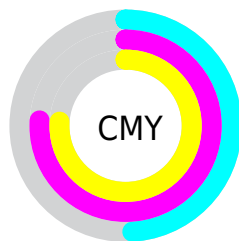


Cyan (0%)

Magenta (53%)

Yellow (53%)

Black (49%)



Cyan (49%)

Magenta (76%)


Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 813C3D 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 813C3D by changing the saturation by 10% instead.

 813C3D

 813C3D

FFFFFF

 662427

 B96D6C

 4C0B13

 D68786

 330000

 F3A2A0

 0F0000


 FFBDDB


 000000

 FFD9D6

 FFF6F3

 813C3D

 813C3D

 812F30

 81494A

812224

815656

811517

816363

81080A

817070

810002

817D7D

818989

819696

81A3A3

81B0AF

Harmonies

Analogous

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



7E3B57



813C3D



774427

Triad

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



813C3D



2A5B31



005585

Complementary

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



813C3D



3C8180

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.



005B7B



813C3D



005E4B

Square

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



813C3D



4B561F



005E66



4A4C81

Rectangle

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



813C3D



6B4B1E



005E66



005883

Sweetspot

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



813C3D



A88D8E



803C81



544444



D4D4D4



545454

Same Dimension

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



813C3D



A83D3E



815D3C



403939



800002



000000

Inverse Universe

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



813C3D



A83D3E



3C6081



403939



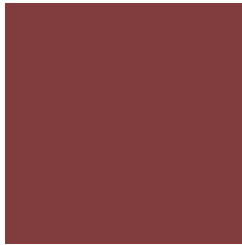
800002



000000

Previews

White Background



This preview shows how the Hex color 813C3D looks on a white background.

Color Contrast Check

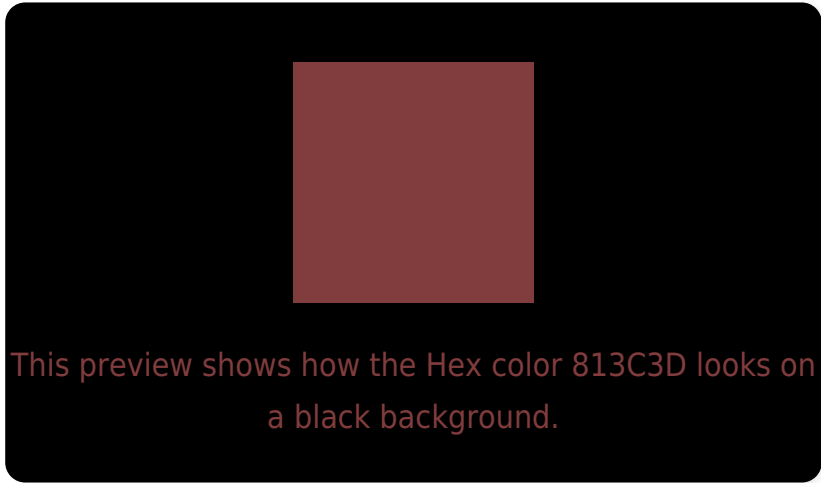
Large Text (above 18pt) WCAG AA ✓ Pass

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

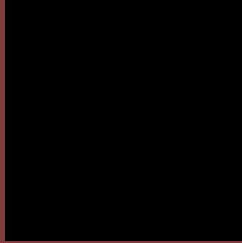
Any Text WCAG AA × Fail

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 813C3D Background



This preview shows how black text looks on a background with the Hex color 813C3D.



This preview shows how white text looks on a background with the Hex color 813C3D.

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
813C3D

Protanopia
565247

Deuteranopia
614E3A



Tritanopia
813C40

Trichromacy



Original Color
813C3D

Protanomaly
664A43

Deuteranomaly
6D473B

Tritanomaly
813C3F

Monochromacy



Original Color
813C3D

Achromatopsia
515151

Achromatomaly
62494A

CSS Examples

Text

The CSS property to change the color of the text to Hex 813C3D 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 #813C3D looks like.

```
.text, #text, p{  
    color:#813C3D  
}
```

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 #813C3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #813C3D
}
```

Border

The CSS property to change the border of an element to Hex 813C3D 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".

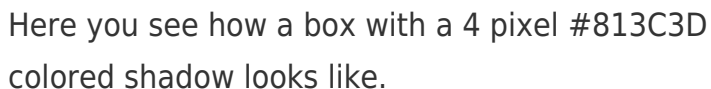
```
.border, #border, table{ border:4px solid
#813C3D }
```

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

```
.border{ border-color:#813C3D }
```

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

Here you see how a box with a 4 pixel #813C3D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #813C3D colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #813C3D; -webkit-box-shadow:4px 4px  
4px 4px #813C3D; box-shadow:4px 4px 4px  
4px #813C3D }
```

Background

The CSS property to change the background color of an element to Hex 813C3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#813C3D }
```

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

```
.background{ background-color:#813C3D }
```

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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