

Converting Colors

Hex(813C62)

Have a look what the booklet for
Hex(813C62) contains.

Hex(813C62)	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(813C62)

Conversions

Conversions Part 1

Format	Color
Hex	813C62
RGB	129, 60, 98
RGB Percent	51%, 24%, 38%
CMY	0.4941, 0.7647, 0.6157
CMYK	0.00, 0.53, 0.24, 0.49
HSL	327°, 37%, 37%
HSV	327°, 53%, 51%
XYZ	12.8737, 8.7807, 12.5716
YIQ	84.9630, 28.9260, 26.4460

Conversions

Conversions Part 2

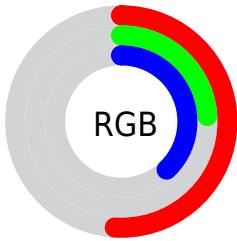
Format	Color
R_{YB}	129, 60, 98
Decimal	8469602
CIE _{Lab}	35.56, 34.54, -8.49
CIE _{LCh}	36, 35.572, 346.185
Yxy	8.7807, 0.3761, 0.2566
Android (android.graphics.Color)	4286659682 (0xFF813C62)
YUV	84.9630, 6.4272, 38.6204
Hunter-Lab	29.6322, 25.6930, -4.4115

Details

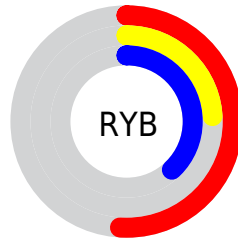
The Hex color **813C62** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3C815B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **B86E95**, and **4D0934** is the 20% darker color. If you saturate the color by 10%, you get **812F5C**, and if you desaturate by 10%, it is **814968**.

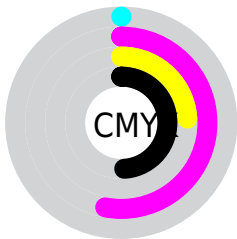
Distribution



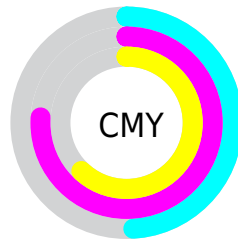
- Red (51%)
- Green (24%)
- Blue (38%)



- Red (51%)
- Yellow (24%)
- Blue (38%)



- Cyan (0%)
- Magenta (53%)
- Yellow (24%)
- Black (49%)




- Cyan (49%)
- Magenta (76%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 813C62 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 813C62 by changing the saturation by 10% instead.

 813C62

 813C62

FFFFFF

 67244A

 B86E95

 4D0934

 D488AF

 35001E

 F1A3CB

 1C0003


 FFBE07


 000000

 FFDBFF

 FFF7FF

 813C62

 813C62

 812F5C

 814968

812256

81566E

811551

816373

81084B

817079

810047

817D7F

818985

81968B

81A390

81B096

Harmonies

Analogous

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



69467B



813C62



883B45

Triad

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



813C62



545719



00607C

Complementary

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



813C62



3C815B

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.



006263



813C62



345D2A

Square

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



813C62



6E4D1A



006145



005A8B

Rectangle

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



813C62



853F34



006145



006174

Sweetspot

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



813C62



A88D9C



5A3C81



54444D



D4D4D4



545454

Same Dimension

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



813C62



A83D78



813C41



40393D



800046



000000

Inverse Universe

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



813C62



A83D78



3C817C



40393D



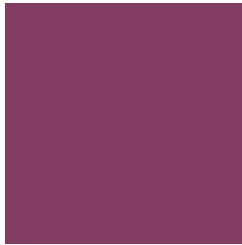
800046



000000

Previews

White Background



This preview shows how the Hex color 813C62 looks on a white background.

Color Contrast Check

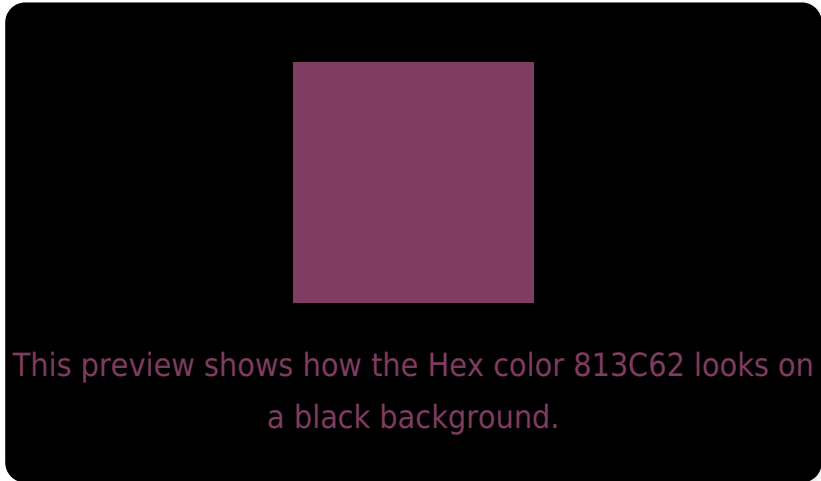
Large Text (above 18pt) WCAG AA ✓ Pass

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

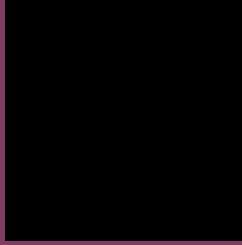
Any Text WCAG AA × Fail

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 813C62 Background



This preview shows how black text looks on a background with the Hex color 813C62.

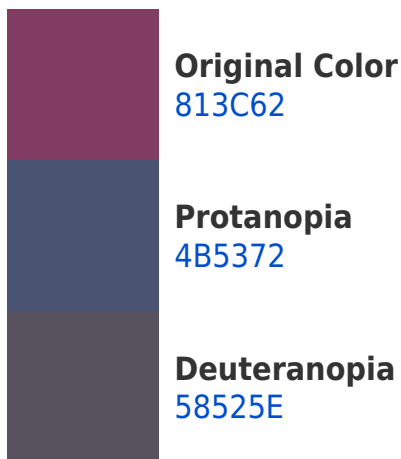


This preview shows how white text looks on a background with the Hex color 813C62.

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





Tritanopia
7E4247

Trichromacy



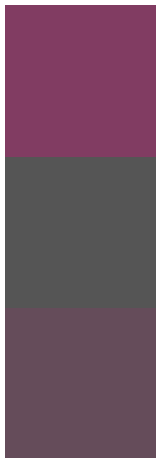
Original Color
813C62

Protanomaly
5F4B6C

Deuteranomaly
674A5F

Tritanomaly
7F4051

Monochromacy



Original Color
813C62

Achromatopsia
555555

Achromatomaly
654C5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 813C62 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 #813C62 looks like.

```
.text, #text, p{  
    color:#813C62  
}
```

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 #813C62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #813C62
}
```

Border

The CSS property to change the border of an element to Hex 813C62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

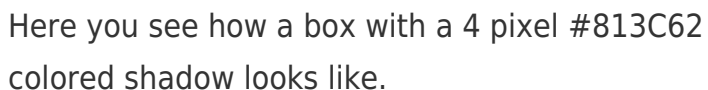
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#813C62 }
```

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

```
.border{ border-color:#813C62 }
```

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



Here you see how a box with a 4 pixel #813C62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #813C62; -webkit-box-shadow:4px 4px  
4px 4px #813C62; box-shadow:4px 4px 4px  
4px #813C62 }
```

Background

The CSS property to change the background color of an element to Hex 813C62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#813C62 }
```

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

```
.background{ background-color:#813C62 }
```

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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