

Converting Colors

Hex(813A35)

Have a look what the booklet for
Hex(813A35) contains.

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Color

Hex(813A35)

Conversions

Conversions Part 1

Format	Color
Hex	813A35
RGB	129, 58, 53
RGB Percent	51%, 23%, 21%
CMY	0.4941, 0.7725, 0.7922
CMYK	0.00, 0.55, 0.59, 0.49
HSL	4°, 42%, 36%
HSV	4°, 59%, 51%
XYZ	11.2089, 7.9503, 4.3119
YIQ	78.6590, 43.9210, 13.4970

Conversions

Conversions Part 2

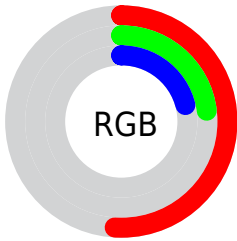
Format	Color
R_{YB}	129, 58, 53
Decimal	8469045
CIE _{Lab}	33.88, 30.20, 17.83
CIE _{LCh}	34, 35.068, 30.555
Yxy	7.9503, 0.4776, 0.3387
Android (android.graphics.Color)	4286659125 (0xFF813A35)
YUV	78.6590, -12.6499, 44.1491
Hunter-Lab	28.1962, 21.6161, 10.6704

Details

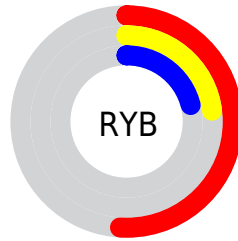
The Hex color **813A35** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **357C81**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **B96B64**, and **4B0909** is the 20% darker color. If you saturate the color by 10%, you get **812E28**, and if you desaturate by 10%, it is **814642**.

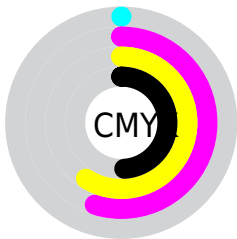
Distribution



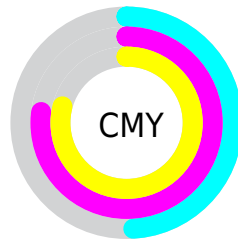
- Red (51%)
- Green (23%)
- Blue (21%)



- Red (51%)
- Yellow (23%)
- Blue (21%)



- Cyan (0%)
- Magenta (55%)
- Yellow (59%)
- Black (49%)




- Cyan (49%)
- Magenta (77%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 813A35 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 813A35 by changing the saturation by 10% instead.

 813A35

 813A35

FFFFFF

 662220

 B96B64

 4B0909

 D6857D

 320000

 F4A096


 0A0000

 FFBBB1


 000000

 FFD7CD

 FFF4E9

 813A35

 813A35

 812E28

 814642

■ 81221B

■ 81524F

■ 81160E

■ 815E5C

■ 810A01

■ 816A69

■ 810800

■ 817676

■ 818282

■ 818E8F

■ 819A9C

■ 81A6A9

Harmonies

Analogous

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



813650



813A35



74441F

Triad

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



813A35



1A5B33



0B5387

Complementary

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



813A35



357C81

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.



005A80



813A35



005D4F

Square

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



813A35



42561D



005D6B



514880

Rectangle

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



813A35



664B16



005D6B



005586

Sweetspot

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



813A35



A88C8A



81357D



544342



D4D4D4



545454

Same Dimension

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



813A35



A83931



815F35



403A39



800800



000000

Inverse Universe

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



357C81



31A0A8



355781



393F40



007780



000000

Previews

White Background



This preview shows how the Hex color 813A35 looks on a white background.

Color Contrast Check

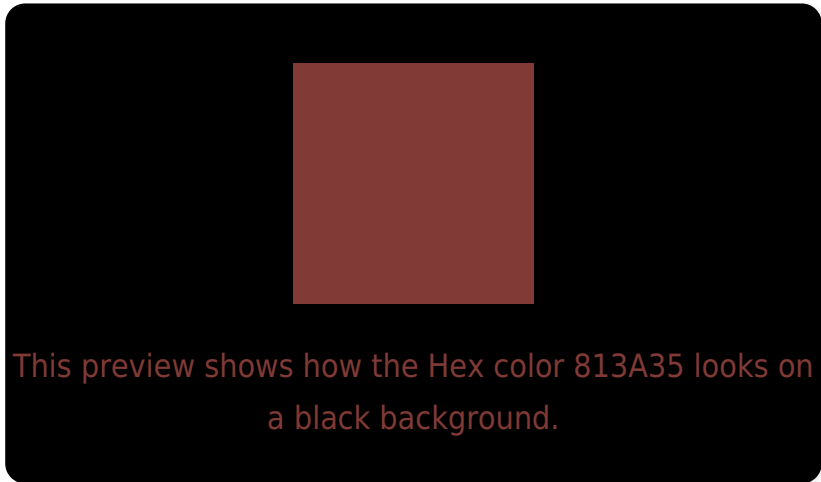
Large Text (above 18pt) WCAG AA ✓ Pass

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 813A35 Background



This preview shows how black text looks on a background with the Hex color 813A35.

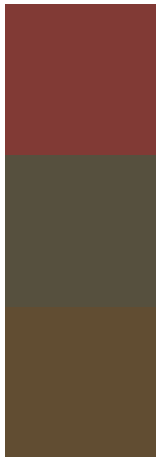


This preview shows how white text looks on a background with the Hex color 813A35.

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
813A35

Protanopia
56503E

Deuteranopia
614D32



Tritanopia
81393D

Trichromacy



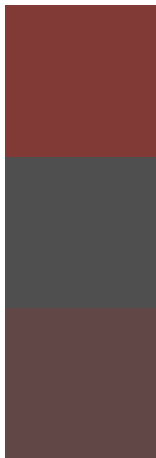
Original Color
813A35

Protanomaly
66483B

Deuteranomaly
6D4633

Tritanomaly
81393A

Monochromacy



Original Color
813A35

Achromatopsia
4F4F4F

Achromatomaly
614746

CSS Examples

Text

The CSS property to change the color of the text to Hex 813A35 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 #813A35 looks like.

```
.text, #text, p{  
    color:#813A35  
}
```

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 #813A35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #813A35
}
```

Border

The CSS property to change the border of an element to Hex 813A35 is called "border". The border property can be set on classes, ids or directly on the HTML element.

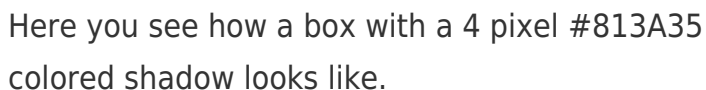
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#813A35 }
```

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

```
.border{ border-color:#813A35 }
```

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



Here you see how a box with a 4 pixel #813A35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #813A35; -webkit-box-shadow:4px 4px  
4px 4px #813A35; box-shadow:4px 4px 4px  
4px #813A35 }
```

Background

The CSS property to change the background color of an element to Hex 813A35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#813A35 }
```

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

```
.background{ background-color:#813A35 }
```

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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