

Converting Colors

Hex(813A18)

Have a look what the booklet for
Hex(813A18) contains.

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Color

Hex(813A18)

Conversions

Conversions Part 1

Format	Color
Hex	813A18
RGB	129, 58, 24
RGB Percent	51%, 23%, 9%
CMY	0.4941, 0.7725, 0.9059
CMYK	0.00, 0.55, 0.81, 0.49
HSL	19°, 69%, 30%
HSV	19°, 81%, 51%
XYZ	10.7312, 7.7592, 1.7962
YIQ	75.3530, 53.2300, 4.4780

Conversions

Conversions Part 2

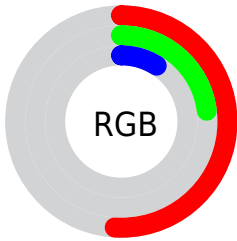
Format	Color
R_{YB}	129, 74, 24
Decimal	8469016
CIE Lab	33.48, 28.40, 34.39
CIE LCh	33, 44.602, 50.449
Yxy	7.7592, 0.5290, 0.3825
Android (android.graphics.Color)	4286659096 (0xFF813A18)
YUV	75.3530, -25.3170, 47.0484
Hunter-Lab	27.8553, 20.0198, 15.6754




Details

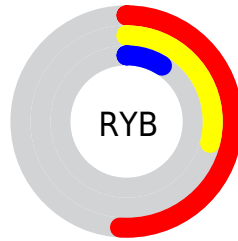
The Hex color **813A18** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **185F81**, and the grayscale version is **4C4C4C**.




A 20% lighter version of the original color is **BB6B46**, and **490A00** is the 20% darker color. If you saturate the color by 10%, you get **81310B**, and if you desaturate by 10%, it is **814325**.

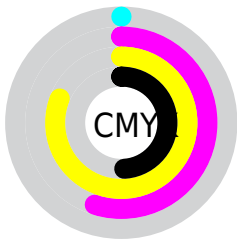
Distribution







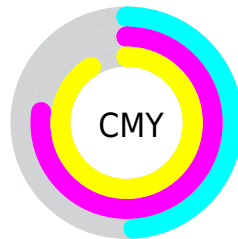
-  Red (51%)
-  Green (23%)
-  Blue (9%)






-  Red (51%)
-  Yellow (29%)
-  Blue (9%)



-  Cyan (0%)
-  Magenta (55%)
-  Yellow (81%)
-  Black (49%)





-  Cyan (49%)
-  Magenta (77%)
-  Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 813A18 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 813A18 by changing the saturation by 10% instead.

 813A18

 813A18

FFFFFF

 652300


 BB6B46

 490A00

 D8855E

 300000

 F79F77

 010000


 FFBA91


 000000

 FFD6AC

 FFF3C7

 FFFFE3

 813A18

 813A18

■ 81310B

■ 814325

■ 812A00

■ 814B32

■ 81543F

■ 815D4C

■ 816659

■ 816E65

■ 817772

■ 81807F

■ 81898C

Harmonies

Analogous

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



8D2C38



813A18



694900

Triad

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



813A18



005E42



364A91

Complementary

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



813A18



185F81

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.



005695



813A18



005F66

Square

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



813A18



185B1E



005D85



6E3A7C

Rectangle

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



813A18



545100



005D85



064F95

Sweetspot

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



813A18



A88D80



811860



54443C



D4D4D4



545454

Same Dimension

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



813A18



A83903



816E18



403B39



802900



000000

Inverse Universe

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



185F81



0373A8



182B81



393E40



005680



000000

Previews

White Background



This preview shows how the Hex color 813A18 looks on a white background.

Color Contrast Check

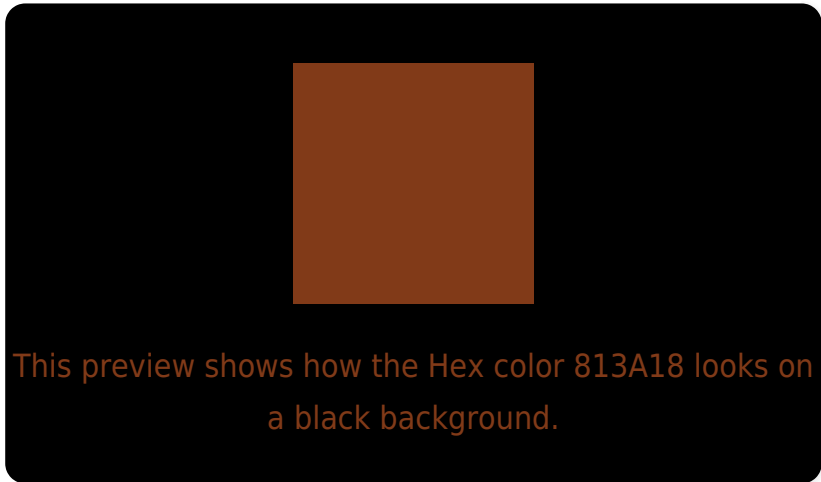
Large Text (above 18pt) WCAG AA ✓ Pass

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 813A18 Background



This preview shows how black text looks on a background with the Hex color 813A18.



This preview shows how white text looks on a background with the Hex color 813A18.

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
813A18

Protanopia
59501E

Deuteranopia
644B11



Tritanopia
82363A

Trichromacy



Original Color
813A18

Protanomaly
68481C

Deuteranomaly
6F4514

Tritanomaly
82372E

Monochromacy



Original Color
813A18

Achromatopsia
4B4B4B

Achromatomaly
5F4538

CSS Examples

Text

The CSS property to change the color of the text to Hex 813A18 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 #813A18 looks like.

```
.text, #text, p{  
    color:#813A18  
}
```

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 #813A18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #813A18
}
```

Border

The CSS property to change the border of an element to Hex 813A18 is called "border". The border property can be set on classes, ids or directly on the HTML element.

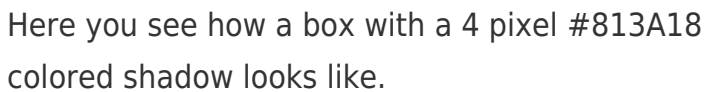
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#813A18 }
```

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

```
.border{ border-color:#813A18 }
```

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



Here you see how a box with a 4 pixel #813A18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #813A18; -webkit-box-shadow:4px 4px  
4px 4px #813A18; box-shadow:4px 4px 4px  
4px #813A18 }
```

Background

The CSS property to change the background color of an element to Hex 813A18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#813A18 }
```

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

```
.background{ background-color:#813A18 }
```

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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