

Converting Colors

Hex(811C23)

Have a look what the booklet for
Hex(811C23) contains.

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Color

Hex(811C23)

Conversions

Conversions Part 1

Format	Color
Hex	811C23
RGB	129, 28, 35
RGB Percent	51%, 11%, 14%
CMY	0.4941, 0.8902, 0.8627
CMYK	0.00, 0.78, 0.73, 0.49
HSL	356°, 64%, 31%
HSV	356°, 78%, 51%
XYZ	9.7719, 5.6190, 2.1596
YIQ	58.9970, 57.9490, 23.5890

Conversions

Conversions Part 2

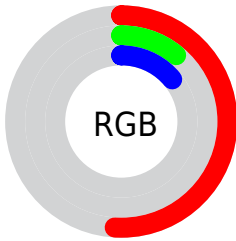
Format	Color
R_{YB}	129, 28, 35
Decimal	8461347
CIE _{Lab}	28.43, 42.73, 22.47
CIE _{LCh}	28, 48.271, 27.736
Yxy	5.6190, 0.5568, 0.3202
Android (android.graphics.Color)	4286651427 (0xFF811C23)
YUV	58.9970, -11.8305, 61.3926
Hunter-Lab	23.7044, 32.1020, 11.1913

Details

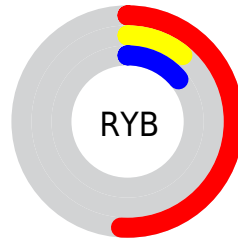
The Hex color **811C23** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1C817A**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **BC514F**, and **480000** is the 20% darker color. If you saturate the color by 10%, you get **810F17**, and if you desaturate by 10%, it is **81292F**.

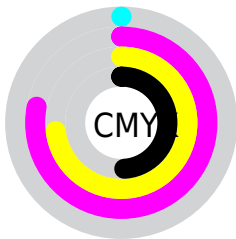
Distribution



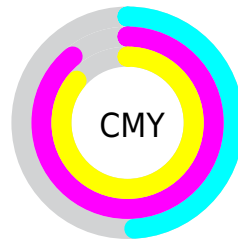
- Red (51%)
- Green (11%)
- Blue (14%)



- Red (51%)
- Yellow (11%)
- Blue (14%)



- Cyan (0%)
- Magenta (78%)
- Yellow (73%)
- Black (49%)




- Cyan (49%)
- Magenta (89%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 811C23 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 811C23 by changing the saturation by 10% instead.

 811C23

 811C23

FFFFFF

 64000E

 BC514F

 480000

 D96B68

 2F0002

 F88681


 000000


 FFA19B

 FFBDB5

 FFD9D1

 FFF6ED

 811C23

 811C23

■ 810F17

■ 81292F

■ 81020B

■ 81363B

■ 810009

■ 814347

■ 815053

■ 815D5F

■ 81696B

■ 817677

■ 818383

■ 81908F

Harmonies

Analogous

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



811348



811C23



703000

Triad

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



811C23



005018



00498E

Complementary

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



811C23



1C817A

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.



005082



811C23



00533F

Square

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



811C23



314B00



005365



383A86

Rectangle

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



811C23



5F3C00



005365



004C8C

Sweetspot

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



811C23



A88284



791C81



543D3E



D4D4D4



545454

Same Dimension

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



811C23



A80A15



81461C



40393A



800009



000000

Inverse Universe

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



811C23



A80A15



1C5781



40393A



800009



000000

Previews

White Background



This preview shows how the Hex color 811C23 looks on a white background.

Color Contrast Check

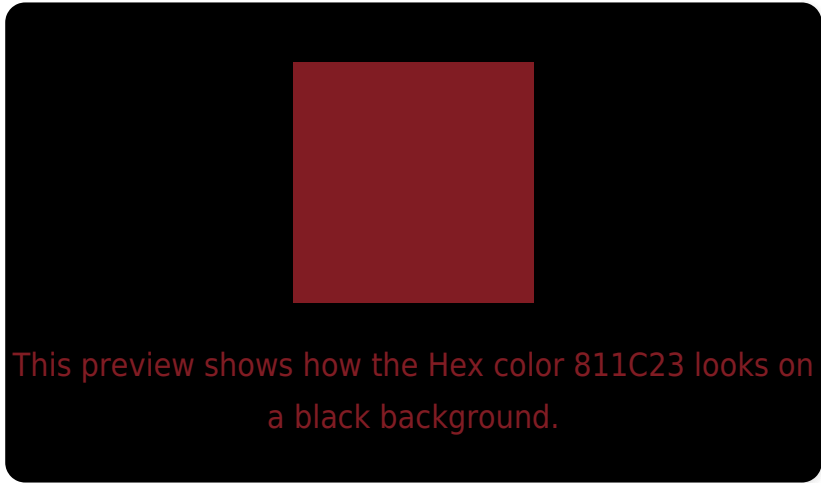
Large Text (above 18pt) WCAG AA ✓ Pass

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 811C23 Background



This preview shows how black text looks on a background with the Hex color 811C23.

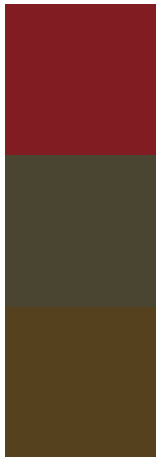


This preview shows how white text looks on a background with the Hex color 811C23.

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
811C23

Protanopia
4A4531

Deuteranopia
55411D



Tritanopia
811D1D

Trichromacy



Original Color
811C23

Protanomaly
5E362C

Deuteranomaly
65341F

Tritanomaly
811D1F

Monochromacy



Original Color
811C23

Achromatopsia
3B3B3B

Achromatomaly
543032

CSS Examples

Text

The CSS property to change the color of the text to Hex 811C23 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 #811C23 looks like.

```
.text, #text, p{  
    color:#811C23  
}
```

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 #811C23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #811C23
}
```

Border

The CSS property to change the border of an element to Hex 811C23 is called "border". The border property can be set on classes, ids or directly on the HTML element.

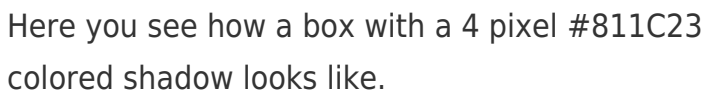
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#811C23 }
```

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

```
.border{ border-color:#811C23 }
```

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



Here you see how a box with a 4 pixel #811C23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #811C23; -webkit-box-shadow:4px 4px  
4px 4px #811C23; box-shadow:4px 4px 4px  
4px #811C23 }
```

Background

The CSS property to change the background color of an element to Hex 811C23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#811C23 }
```

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

```
.background{ background-color:#811C23 }
```

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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