

Converting Colors

Hex(802E1F)

Have a look what the booklet for
Hex(802E1F) contains.

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Color

Hex(802E1F)

Conversions

Conversions Part 1

Format	Color
Hex	802E1F
RGB	128, 46, 31
RGB Percent	50%, 18%, 12%
CMY	0.4980, 0.8196, 0.8784
CMYK	0.00, 0.64, 0.76, 0.50
HSL	9°, 61%, 31%
HSV	9°, 76%, 50%
XYZ	10.1264, 6.6421, 2.0447
YIQ	68.8080, 53.6870, 12.7190

Conversions

Conversions Part 2

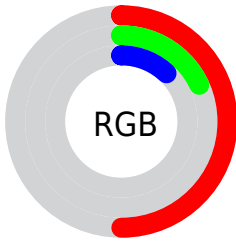
Format	Color
R_{YB}	128, 49, 31
Decimal	8400415
CIE Lab	30.98, 34.54, 27.84
CIE LCh	31, 44.363, 38.864
Yxy	6.6421, 0.5383, 0.3531
Android (android.graphics.Color)	4286590495 (0xFF802E1F)
YUV	68.8080, -18.6393, 51.9114
Hunter-Lab	25.7723, 25.0344, 13.3368

Details

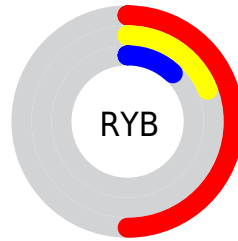
The Hex color **802E1F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1F7180**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **BA604C**, and **480000** is the 20% darker color. If you saturate the color by 10%, you get **802312**, and if you desaturate by 10%, it is **80392C**.

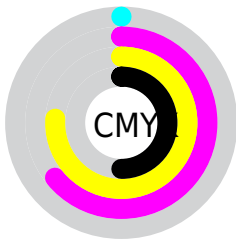
Distribution



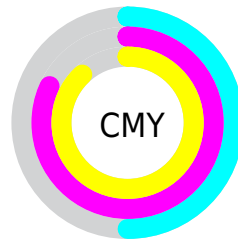
- Red (50%)
- Green (18%)
- Blue (12%)



- Red (50%)
- Yellow (19%)
- Blue (12%)



- Cyan (0%)
- Magenta (64%)
- Yellow (76%)
- Black (50%)



- Cyan (50%)
- Magenta (82%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 802E1F 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 802E1F by changing the saturation by 10% instead.



802E1F



802E1F

FFFFFF



641509



BA604C



480000



D87964



300001



F6947D



000000



FFAF97



FFCBB2



FFE7CD



FFFFEA



802E1F



802E1F

■ 802312

■ 80392C

■ 801805

■ 804439

■ 801400

■ 804E45

■ 805952

■ 80645F

■ 806F6C

■ 807A79

■ 808585

■ 808F92

Harmonies

Analogous

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



862340



802E1F



6C3E00

Triad

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



802E1F



00572E



004A8E

Complementary

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



802E1F



1F7180

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.



00538A



802E1F



005953

Square

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



802E1F



29530A



005874



573B7F

Rectangle

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



802E1F



5A4700



005874



004E8F

Sweetspot

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



802E1F



A68680



801F71



54403D



D4D4D4



545454

Same Dimension

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



802E1F



A6260F



805E1F



403A39



801400



000000

Inverse Universe

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



1F7180



0F8EA6



1F4180



393F40



006C80



000000

Previews

White Background



This preview shows how the Hex color 802E1F looks on a white background.

Color Contrast Check

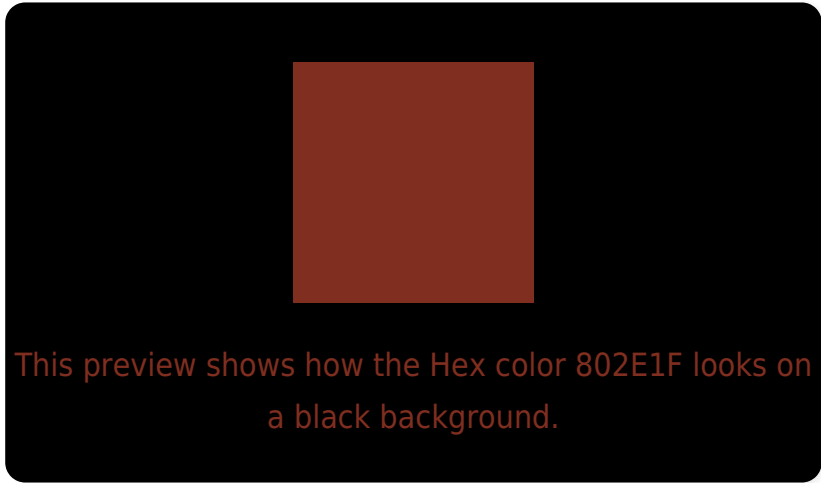
Large Text (above 18pt) WCAG AA ✓ Pass

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

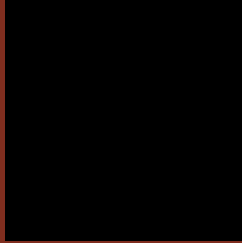
Any Text WCAG AA × Fail

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 802E1F Background



This preview shows how black text looks on a background with the Hex color 802E1F.

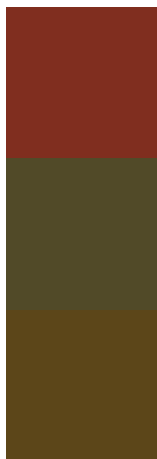


This preview shows how white text looks on a background with the Hex color 802E1F.

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
802E1F

Protanopia
514A28

Deuteranopia
5C4619



Tritanopia
812C2F

Trichromacy



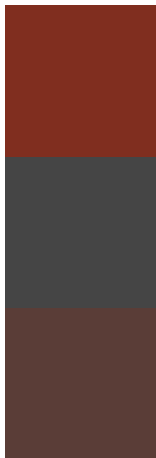
Original Color
802E1F

Protanomaly
624025

Deuteranomaly
693D1B

Tritanomaly
812D29

Monochromacy



Original Color
802E1F

Achromatopsia
454545

Achromatomaly
5A3D37

CSS Examples

Text

The CSS property to change the color of the text to Hex 802E1F 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 #802E1F looks like.

```
.text, #text, p{  
    color:#802E1F  
}
```

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 #802E1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802E1F
}
```

Border

The CSS property to change the border of an element to Hex 802E1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

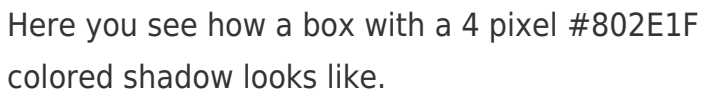
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#802E1F }
```

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

```
.border{ border-color:#802E1F }
```

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



Here you see how a box with a 4 pixel #802E1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802E1F; -webkit-box-shadow:4px 4px  
4px 4px #802E1F; box-shadow:4px 4px 4px  
4px #802E1F }
```

Background

The CSS property to change the background color of an element to Hex 802E1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802E1F }
```

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

```
.background{ background-color:#802E1F }
```

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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