

Converting Colors

Hex(82331F)

Have a look what the booklet for
Hex(82331F) contains.

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Color

Hex(82331F)

Conversions

Conversions Part 1

Format	Color
Hex	82331F
RGB	130, 51, 31
RGB Percent	51%, 20%, 12%
CMY	0.4902, 0.8000, 0.8784
CMYK	0.00, 0.61, 0.76, 0.49
HSL	12°, 61%, 32%
HSV	12°, 76%, 51%
XYZ	10.6371, 7.2124, 2.1278
YIQ	72.3410, 53.5040, 10.5280

Conversions

Conversions Part 2

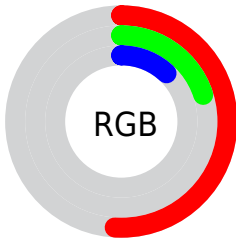
Format	Color
RYB	130, 56, 31
Decimal	8532767
CIELab	32.29, 32.82, 29.38
CIElCh	32, 44.053, 41.831
Yxy	7.2124, 0.5325, 0.3610
Android (android.graphics.Color)	4286722847 (0xFF82331F)
YUV	72.3410, -20.3811, 50.5669
Hunter-Lab	26.8559, 23.7022, 14.1015

Details

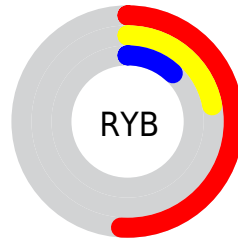
The Hex color **82331F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1F6E82**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **BC644C**, and **4A0000** is the 20% darker color. If you saturate the color by 10%, you get **822912**, and if you desaturate by 10%, it is **823D2C**.

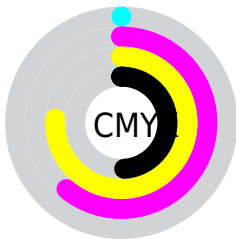
Distribution



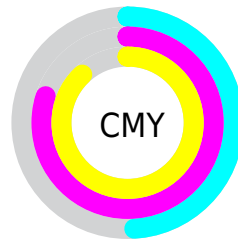
- Red (51%)
- Green (20%)
- Blue (12%)



- Red (51%)
- Yellow (22%)
- Blue (12%)



- Cyan (0%)
- Magenta (61%)
- Yellow (76%)
- Black (49%)



- Cyan (49%)
- Magenta (80%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82331F 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 82331F by changing the saturation by 10% instead.

 82331F

 82331F

FFFFFF

 661B09

 BC644C

 4A0000

 DA7E64

 310000

 F8997D

 000000

 FFB497

 FFD0B2

 FFECCE

 FFFFEA

 82331F

 82331F

■ 822912

■ 823D2C

■ 821E05

■ 824839

■ 821A00

■ 825246

■ 825C53

■ 826760

■ 82716D

■ 827C7A

■ 828687

■ 829094

Harmonies

Analogous

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



8A2840



82331F



6D4200

Triad

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



82331F



005A35



0E4B90

Complementary

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



82331F



1F6E82

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.



00568E



82331F



005C59

Square

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



82331F



285612



005B7A



5E3C80

Rectangle

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



82331F



5A4B00



005B7A



004F92

Sweetspot

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



82331F



A88982



821F6E



54413D



D4D4D4



545454

Same Dimension

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



82331F



A82E0F



82641F



403B39



801A00



000000

Inverse Universe

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



1F6E82



0F89A8



1F3D82



393E40



006680



000000

Previews

White Background



This preview shows how the Hex color 82331F looks on a white background.

Color Contrast Check

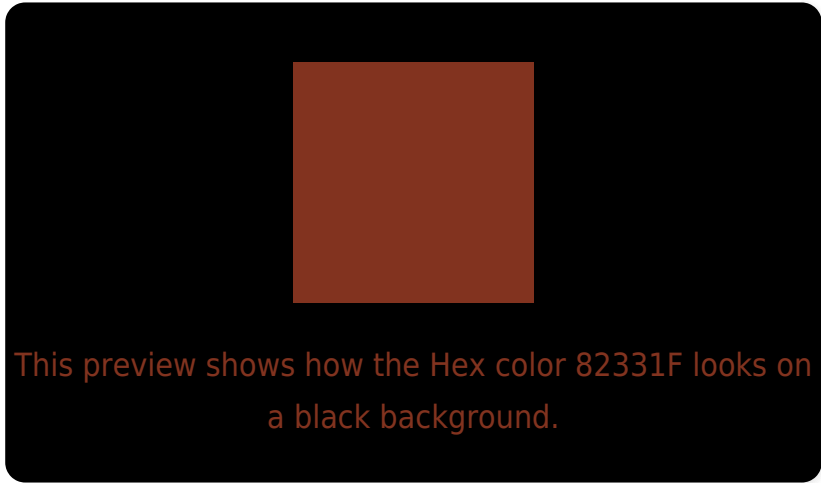
Large Text (above 18pt) WCAG AA ✓ Pass

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 82331F Background



This preview shows how black text looks on a background with the Hex color 82331F.



This preview shows how white text looks on a background with the Hex color 82331F.

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
82331F

Protanopia
554D27

Deuteranopia
604919



Tritanopia
833133

Trichromacy



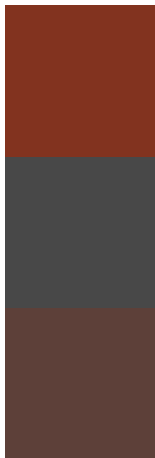
Original Color
82331F

Protanomaly
654424

Deuteranomaly
6C411B

Tritanomaly
83322C

Monochromacy



Original Color
82331F

Achromatopsia
484848

Achromatomaly
5D4039

CSS Examples

Text

The CSS property to change the color of the text to Hex 82331F 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 #82331F looks like.

```
.text, #text, p{  
    color:#82331F  
}
```

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 #82331F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82331F
}
```

Border

The CSS property to change the border of an element to Hex 82331F is called "border". The border property can be set on classes, ids or directly on the HTML element.

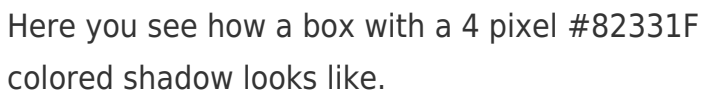
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#82331F }
```

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

```
.border{ border-color:#82331F }
```

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



Here you see how a box with a 4 pixel #82331F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82331F; -webkit-box-shadow:4px 4px  
4px 4px #82331F; box-shadow:4px 4px 4px  
4px #82331F }
```

Background

The CSS property to change the background color of an element to Hex 82331F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82331F }
```

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

```
.background{ background-color:#82331F }
```

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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