

Converting Colors

Hex(821F1F)

Have a look what the booklet for
Hex(821F1F) contains.

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Color

Hex(821F1F)

Conversions

Conversions Part 1

Format	Color
Hex	821F1F
RGB	130, 31, 31
RGB Percent	51%, 12%, 12%
CMY	0.4902, 0.8784, 0.8784
CMYK	0.00, 0.76, 0.76, 0.49
HSL	0°, 61%, 32%
HSV	0°, 76%, 51%
XYZ	9.9432, 5.8247, 1.8965
YIQ	60.6010, 59.0040, 20.9880

Conversions

Conversions Part 2

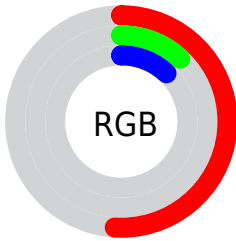
Format	Color
RYB	130, 31, 31
Decimal	8527647
CIELab	28.97, 41.78, 25.68
CIElCh	29, 49.040, 31.582
Yxy	5.8247, 0.5629, 0.3297
Android (android.graphics.Color)	4286717727 (0xFF821F1F)
YUV	60.6010, -14.5933, 60.8629
Hunter-Lab	24.1345, 31.3054, 12.2350

Details

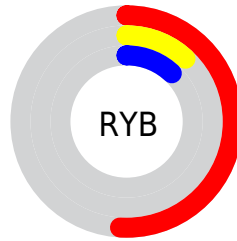
The Hex color **821F1F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1F8282**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **BD544B**, and **490000** is the 20% darker color. If you saturate the color by 10%, you get **821212**, and if you desaturate by 10%, it is **822C2C**.

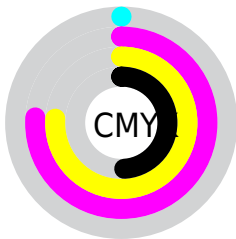
Distribution



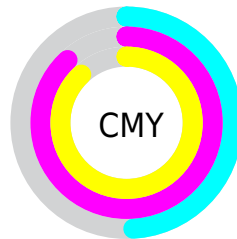
- Red (51%)
- Green (12%)
- Blue (12%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 821F1F 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 821F1F by changing the saturation by 10% instead.

 821F1F

 821F1F

FFFFFF

 650009

 BD544B

 490000

 DB6E63

 300002

 F9887C

 000000

 FFA396

 FFBFB1

 FFDCCC

 FFF9E9

 821F1F

 821F1F

■ 821212

■ 822C2C

■ 820505

■ 823939

■ 820000

■ 824646

■ 825353

■ 826060

■ 826D6D

■ 827A7A

■ 828787

■ 829494

Harmonies

Analogous

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



851244



821F1F



6F3400

Triad

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



821F1F



00521D



004991

Complementary

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



821F1F



1F8282

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.



005187



821F1F



005445

Square

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



821F1F



2C4D00



00546B



433986

Rectangle

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



821F1F



5D3F00



00546B



004C90

Sweetspot

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



821F1F



A88282



821F82



543D3D



D4D4D4



545454

Same Dimension

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



821F1F



A80F0F



82511F



403939



800000



000000

Inverse Universe

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



1F8282



0FA8A8



1F5182



394040



008080



000000

Previews

White Background



This preview shows how the Hex color 821F1F 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 821F1F Background



This preview shows how black text looks on a background with the Hex color 821F1F.

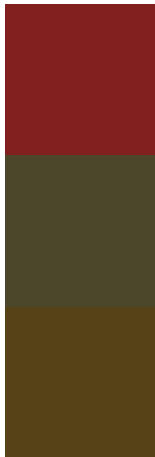


This preview shows how white text looks on a background with the Hex color 821F1F.

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
821F1F

Protanopia
4C462B

Deuteranopia
574218



Tritanopia
821F20

Trichromacy



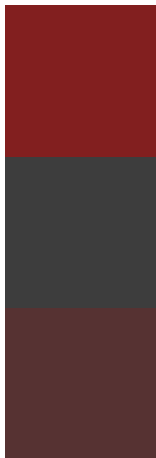
Original Color
821F1F

Protanomaly
603827

Deuteranomaly
67351B

Tritanomaly
821F20

Monochromacy



Original Color
821F1F

Achromatopsia
3D3D3D

Achromatomaly
563232

CSS Examples

Text

The CSS property to change the color of the text to Hex 821F1F 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 #821F1F looks like.

```
.text, #text, p{  
    color:#821F1F  
}
```

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 #821F1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #821F1F
}
```

Border

The CSS property to change the border of an element to Hex 821F1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

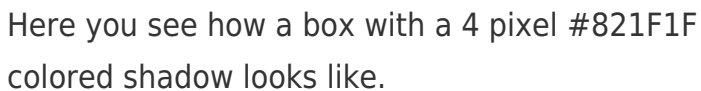
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#821F1F }
```

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

```
.border{ border-color:#821F1F }
```

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



Here you see how a box with a 4 pixel #821F1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #821F1F; -webkit-box-shadow:4px 4px  
4px 4px #821F1F; box-shadow:4px 4px 4px  
4px #821F1F }
```

Background

The CSS property to change the background color of an element to Hex 821F1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#821F1F }
```

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

```
.background{ background-color:#821F1F }
```

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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