

# Converting Colors

Hex(801B1B)

Have a look what the booklet for  
Hex(801B1B) contains.

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**Color**

**Hex(801B1B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	801B1B
RGB	128, 27, 27
RGB Percent	50%, 11%, 11%
CMY	0.4980, 0.8941, 0.8941
CMYK	0.00, 0.79, 0.79, 0.50
HSL	0°, 65%, 30%
HSV	0°, 79%, 50%
XYZ	9.4918, 5.4522, 1.5890
YIQ	57.1990, 60.1960, 21.4120

# Conversions

## Conversions Part 2

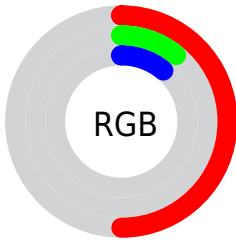
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">128, 27, 27</a>
Decimal	<a href="#">8395547</a>
CIELab	<a href="#">27.99, 42.38, 26.96</a>
CIELCh	<a href="#">28, 50.230, 32.466</a>
Yxy	<a href="#">5.4522, 0.5741, 0.3298</a>
Android (android.graphics.Color)	<a href="#">4286585627 (0xFF801B1B)</a>
YUV	<a href="#">57.1990, -14.8881, 62.0925</a>
Hunter-Lab	<a href="#">23.3499, 31.6987, 12.3101</a>

# Details

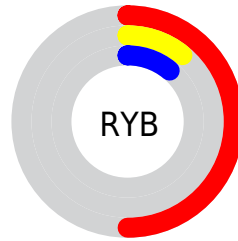
The Hex color **801B1B** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **1B8080**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **BB5047**, and **470000** is the 20% darker color. If you saturate the color by 10%, you get **800E0E**, and if you desaturate by 10%, it is **802828**.

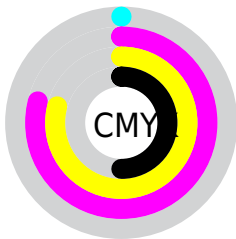
# Distribution



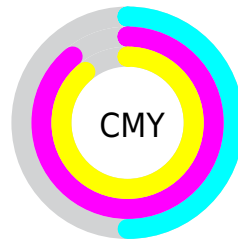
- Red (50%)
- Green (11%)
- Blue (11%)



- Red (50%)
- Yellow (11%)
- Blue (11%)



- Cyan (0%)
- Magenta (79%)
- Yellow (79%)
- Black (50%)



- Cyan (50%)
- Magenta (89%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 801B1B 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 801B1B by changing the saturation by 10% instead.



 801B1B

 801B1B

FFFFFF

 630002

 BB5047

 470000

 D96A5F

 2D0002

 F88577

 000000

 FFA091

 FFBCAC

 FFD8C7

 FFF5E3

 801B1B

 801B1B

 800E0E

 802828

 800101

 803535

 800000

 804141

 804E4E

 805B5B

 806868

 807575

 808181

 808E8E

# Harmonies

## Analogous

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



830A41



801B1B



6D3200

# Triad

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



801B1B



00501B



004690

# Complementary

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



801B1B



1B8080

# 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.



004F87



801B1B



005244

# Square

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



801B1B



274B00



00526B



423684

# Rectangle

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



801B1B



5A3D00



00526B



004A8F



# Sweetspot

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



801B1B



A67E7E



801B80



543C3C



D4D4D4



545454



# Same Dimension

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



801B1B



A60808



804E1B



403939



800000



000000



# Inverse Universe

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



1B8080



08A6A6



1B4E80



394040



008080



000000



# Previews

## White Background



This preview shows how the Hex color 801B1B looks on a white background.

## Color Contrast Check

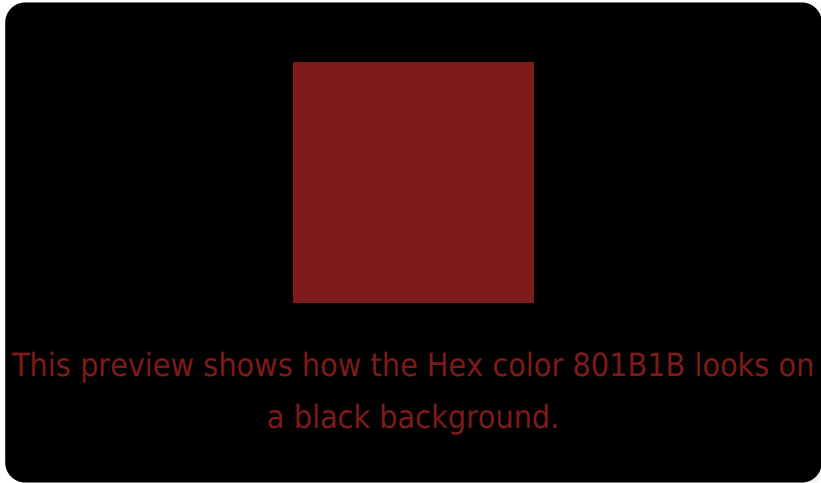
Large Text (above 18pt) WCAG AA ✓ Pass

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 801B1B Background



This preview shows how black text looks on a background with the Hex color 801B1B.



This preview shows how white text looks on a background with the Hex color 801B1B.

# 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**  
801B1B

**Protanopia**  
4A4427

**Deuteranopia**  
554013



**Tritanopia**  
801B1B

# Trichromacy



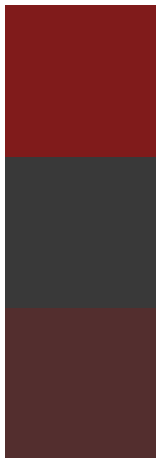
**Original Color**  
801B1B

**Protanomaly**  
5E3523

**Deuteranomaly**  
653316

**Tritanomaly**  
801B1B

# Monochromacy



**Original Color**  
801B1B

**Achromatopsia**  
393939

**Achromatomaly**  
532E2E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 801B1B 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 #801B1B looks like.

```
.text, #text, p{  
    color:#801B1B  
}
```

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 #801B1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #801B1B
}
```

## Border

The CSS property to change the border of an element to Hex 801B1B is called "border". The border property can be set on classes, ids or directly on the HTML element.

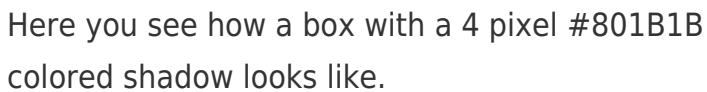
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#801B1B }
```

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

```
.border{ border-color:#801B1B }
```

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



Here you see how a box with a 4 pixel #801B1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #801B1B; -webkit-box-shadow:4px 4px  
4px 4px #801B1B; box-shadow:4px 4px 4px  
4px #801B1B }
```

# Background

The CSS property to change the background color of an element to Hex 801B1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#801B1B }
```

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

```
.background{ background-color:#801B1B }
```

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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