

Converting Colors

Hex(B81313)

Have a look what the booklet for
Hex(B81313) contains.

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Color

Hex(B81313)

Conversions

Conversions Part 1

Format	Color
Hex	B81313
RGB	184, 19, 19
RGB Percent	72%, 7%, 7%
CMY	0.2784, 0.9255, 0.9255
CMYK	0.00, 0.90, 0.90, 0.28
HSL	0°, 81%, 40%
HSV	0°, 90%, 72%
XYZ	20.1176, 10.7031, 1.6217
YIQ	68.3350, 98.3400, 34.9800

Conversions

Conversions Part 2

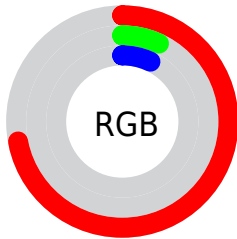
Format	Color
R_{YB}	184, 19, 19
Decimal	12063507
CIE Lab	39.08, 60.58, 45.75
CIE LCh	39, 75.916, 37.060
Yxy	10.7031, 0.6201, 0.3299
Android (android.graphics.Color)	4290253587 (0xFFB81313)
YUV	68.3350, -24.3222, 101.4382
Hunter-Lab	32.7156, 52.5114, 19.9620

Details

The Hex color **B81313** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **13B8B8**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **F85641**, and **790000** is the 20% darker color. If you saturate the color by 10%, you get **B80101**, and if you desaturate by 10%, it is **B82525**.

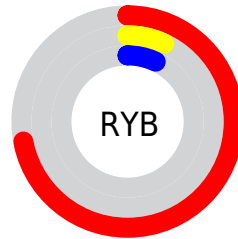
Distribution



Red (72%)

Green (7%)

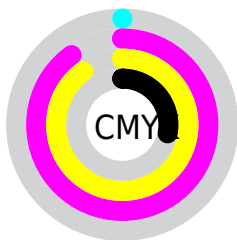
Blue (7%)



Red (72%)

Yellow (7%)

Blue (7%)

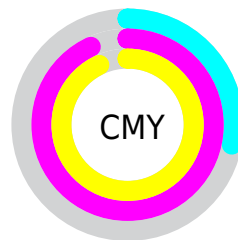


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (28%)



Cyan (28%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color B81313 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 B81313 by changing the saturation by 10% instead.

 B81313

 B81313

 FFFFFFFB

 980000

 F85641

 790000

 FF7359

 5A0000

 FF8F72

 3E0003

 FFAC8C

 1B0001

 FFC9A7

 000000

 FFE6C2

 FFFFDE

 B81313

 B81313

 B80101

 B82525

 B80000

 B83838

 B84A4A

 B85D5D

 B86F6F

 B88181

 B89494

 B8A6A6

 B8B9B9

Harmonies

Analogous

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



C30051



B81313



964600

Triad

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



B81313



007227



0060D9

Complementary

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



B81313



13B8B8

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.



006FCF



B81313



00746A

Square

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



B81313



136C00



0074A6



6842C0

Rectangle

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



B81313



765800



0074A6



0067DA

Sweetspot

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



B81313



F0AFAF



B813B8



785151



F7F7F7



787878

Same Dimension

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



B81313



F00000



B86613



5C5353



9C0000



1C0000

Inverse Universe

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



13B8B8



00F0F0



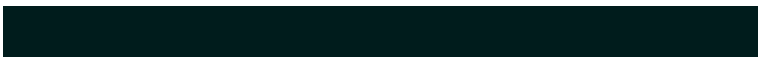
1366B8



535C5C



009C9C



001C1C

Previews

White Background



This preview shows how the Hex color B81313 looks on a white background.

Color Contrast Check

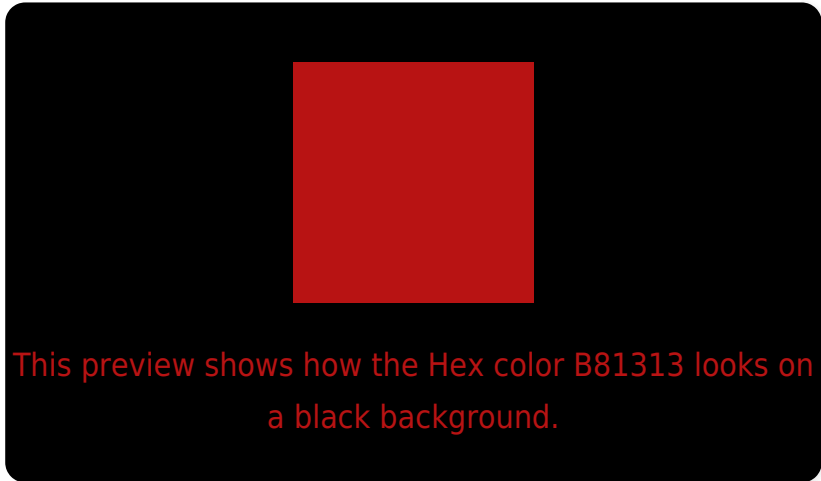
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 B81313 Background



This preview shows how black text looks on a background with the Hex color B81313.



This preview shows how white text looks on a background with the Hex color B81313.

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
B81313

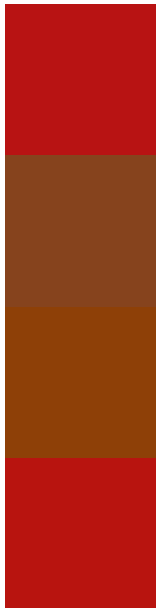
Protanopia
695E23

Deuteranopia
765900



Tritanopia
B8140D

Trichromacy



Original Color
B81313

Protanomaly
86431D

Deuteranomaly
8E4007

Tritanomaly
B8140F

Monochromacy



Original Color
B81313

Achromatopsia
444444

Achromatomaly
6E3232

CSS Examples

Text

The CSS property to change the color of the text to Hex B81313 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 #B81313 looks like.

```
.text, #text, p{  
    color:#B81313  
}
```

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 #B81313 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B81313
}
```

Border

The CSS property to change the border of an element to Hex B81313 is called "border". The border property can be set on classes, ids or directly on the HTML element.

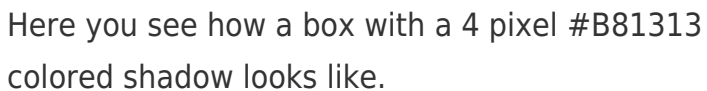
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B81313 }
```

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

```
.border{ border-color:#B81313 }
```

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



Here you see how a box with a 4 pixel #B81313 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B81313; -webkit-box-shadow:4px 4px  
4px 4px #B81313; box-shadow:4px 4px 4px  
4px #B81313 }
```

Background

The CSS property to change the background color of an element to Hex B81313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B81313 }
```

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

```
.background{ background-color:#B81313 }
```

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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