

Converting Colors

Hex(B81816)

Have a look what the booklet for
Hex(B81816) contains.

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Color

Hex(B81816)

Conversions

Conversions Part 1

Format	Color
Hex	B81816
RGB	184, 24, 22
RGB Percent	72%, 9%, 9%
CMY	0.2784, 0.9059, 0.9137
CMYK	0.00, 0.87, 0.88, 0.28
HSL	1°, 79%, 40%
HSV	1°, 88%, 72%
XYZ	20.2386, 10.9015, 1.7966
YIQ	71.6120, 96.0020, 33.2980

Conversions

Conversions Part 2

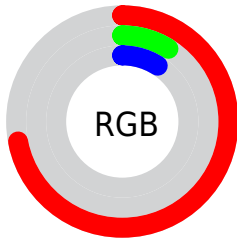
Format	Color
RYB	184, 24, 22
Decimal	12064790
CIELab	39.41, 59.72, 44.63
CIElCh	39, 74.551, 36.769
Yxy	10.9015, 0.6145, 0.3310
Android (android.graphics.Color)	4290254870 (0xFFB81816)
YUV	71.6120, -24.4587, 98.5643
Hunter-Lab	33.0175, 51.6340, 19.8861

Details

The Hex color **B81816** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **16B6B8**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **F85944**, and **790000** is the 20% darker color. If you saturate the color by 10%, you get **B80604**, and if you desaturate by 10%, it is **B82A28**.

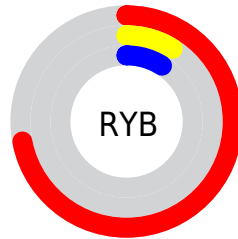
Distribution



Red (72%)

Green (9%)

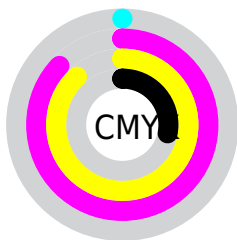
Blue (9%)



Red (72%)

Yellow (9%)

Blue (9%)

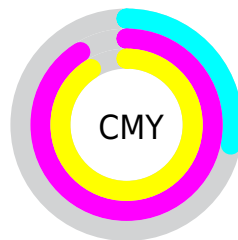


Cyan (0%)

Magenta (87%)

Yellow (88%)

Black (28%)



Cyan (28%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color B81816 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 B81816 by changing the saturation by 10% instead.

 B81816

 B81816

FFFFFFE

 990000

 F85944

 790000

 FF755C

 5A0000

 FF9175

 3F0003

 FFAE8F

 1B0001

 FFCAA

 000000

 FFE8C5

 FFFFE2

 B81816

 B81816

 B80604

 B82A28

 B80200

 B83C3B

 B84F4D

 B86160

 B87372

 B88584

 B89797

 B8A9A9

 B8BCBC

Harmonies

Analogous

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



C30052



B81816



974700

Triad

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



B81816



007228



0061D8

Complementary

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



B81816



16B6B8

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.



0070CE



B81816



00756A

Square

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



B81816



1A6C00



0075A5



6844C0

Rectangle

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



B81816



785800



0075A5



0068D8

Sweetspot

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



B81816



F0B2B1



B816B8



785353



F7F7F7



787878

Same Dimension

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



B81816



F00300



B86716



5C5353



9C0200



1C0000

Inverse Universe

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



16B6B8



00EDF0



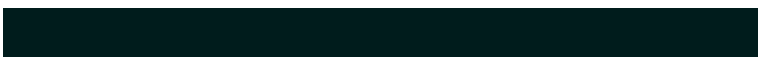
1667B8



535C5C



009A9C



001C1C

Previews

White Background



This preview shows how the Hex color B81816 looks on a white background.

Color Contrast Check

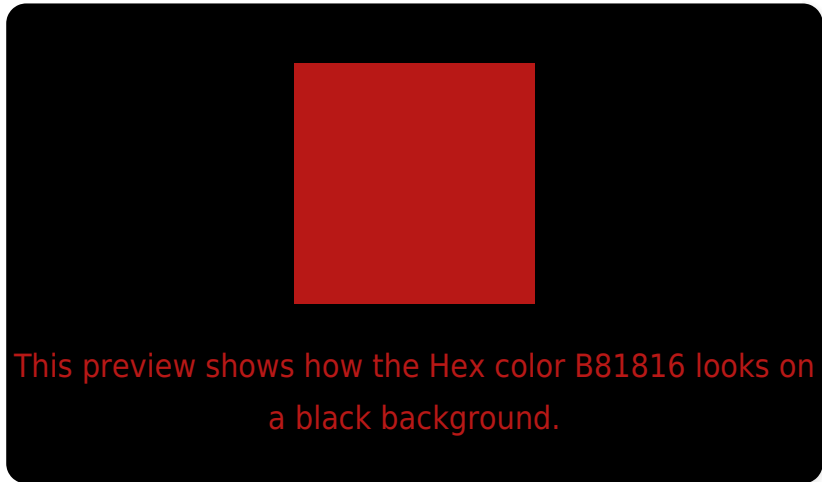
Large Text (above 18pt) WCAG AA ✓ Pass

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 B81816 Background



This preview shows how black text looks on a background with the Hex color B81816.



This preview shows how white text looks on a background with the Hex color B81816.

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
B81816

Protanopia
695F25

Deuteranopia
775A00

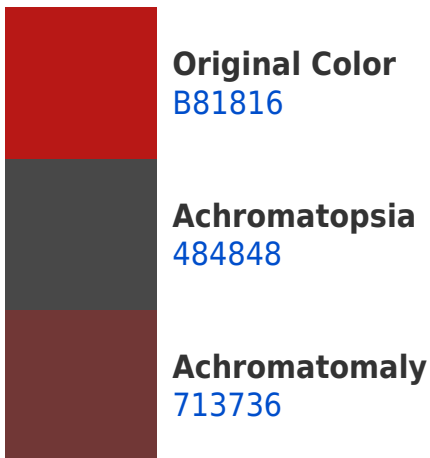


Tritanopia
B81815

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B81816 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 #B81816 looks like.

```
.text, #text, p{  
    color:#B81816  
}
```

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 #B81816 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B81816
}
```

Border

The CSS property to change the border of an element to Hex B81816 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".

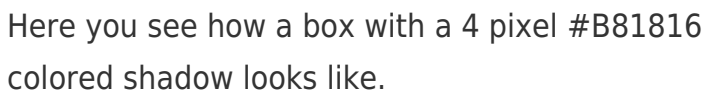
```
.border, #border, table{ border:4px solid
#B81816 }
```

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

```
.border{ border-color:#B81816 }
```

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

Here you see how a box with a 4 pixel #B81816 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B81816; -webkit-box-shadow:4px 4px  
4px 4px #B81816; box-shadow:4px 4px 4px  
4px #B81816 }
```

Background

The CSS property to change the background color of an element to Hex B81816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B81816 }
```

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

```
.background{ background-color:#B81816 }
```

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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