

Converting Colors

Hex(B83A2B)

Have a look what the booklet for
Hex(B83A2B) contains.

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Color

Hex(B83A2B)

Conversions

Conversions Part 1

Format	Color
Hex	B83A2B
RGB	184, 58, 43
RGB Percent	72%, 23%, 17%
CMY	0.2784, 0.7725, 0.8314
CMYK	0.00, 0.68, 0.77, 0.28
HSL	6°, 62%, 45%
HSV	6°, 77%, 72%
XYZ	21.7163, 13.3909, 3.7256
YIQ	93.9640, 79.9110, 22.0470

Conversions

Conversions Part 2

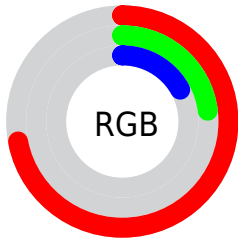
Format	Color
RYB	184, 60, 43
Decimal	12073515
CIELab	43.35, 49.87, 37.39
CIELCh	43, 62.328, 36.864
Yxy	13.3909, 0.5592, 0.3448
Android (android.graphics.Color)	4290263595 (0xFFB83A2B)
YUV	93.9640, -25.1253, 78.9616
Hunter-Lab	36.5935, 41.8913, 19.5791

Details

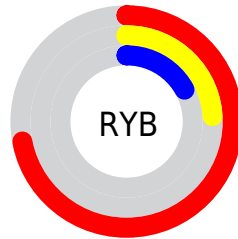
The Hex color **B83A2B** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **2BA9B8**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **F6705A**, and **7B0000** is the 20% darker color. If you saturate the color by 10%, you get **B82A19**, and if you desaturate by 10%, it is **B84A3D**.

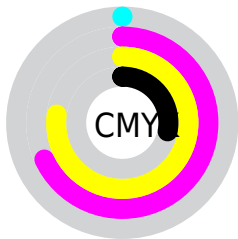
Distribution



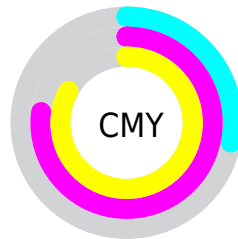
- Red (72%)
- Green (23%)
- Blue (17%)



- Red (72%)
- Yellow (24%)
- Blue (17%)



- Cyan (0%)
- Magenta (68%)
- Yellow (77%)
- Black (28%)



- Cyan (28%)
- Magenta (77%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color B83A2B 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 B83A2B by changing the saturation by 10% instead.

 B83A2B

 B83A2B

FFFFFF

 991C15

 F6705A

 7B0000

 FF8B73

 5D0000

 FFA78C

 410001

 FFC3A7

 230001

 FFE0C2

 000000

 FFFDDE

 FFFFFB

 B83A2B

 B83A2B

 B82A19

 B84A3D

 B81906

 B85B50

 B81400

 B86B62

 B87C75

 B88C87

 B89D99

 B8ADAC

 B8BEBE

 B8CED1

Harmonies

Analogous

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



C0265D



B83A2B



9C5400

Triad

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



B83A2B



007A3B



0069CE

Complementary

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



B83A2B



2BA9B8

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.



0077C6



B83A2B



007D71

Square

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



B83A2B



397400



007CA3



7452BA

Rectangle

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



B83A2B



816200



007CA3



006FCE

Sweetspot

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



B83A2B



F0BEB9



B82BAA



785A56



F7F7F7



787878

Same Dimension

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



B83A2B



F02B13



B8802B



5C5453



9C1100



1C0300

Inverse Universe

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



2BA9B8



13D8F0



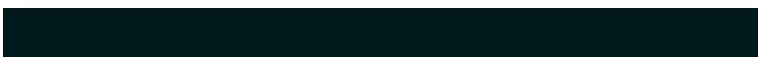
2B63B8



535B5C



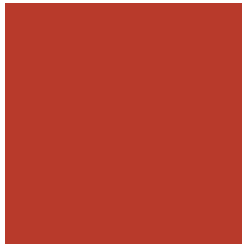
008B9C



00191C

Previews

White Background



This preview shows how the Hex color B83A2B looks on a white background.

Color Contrast Check

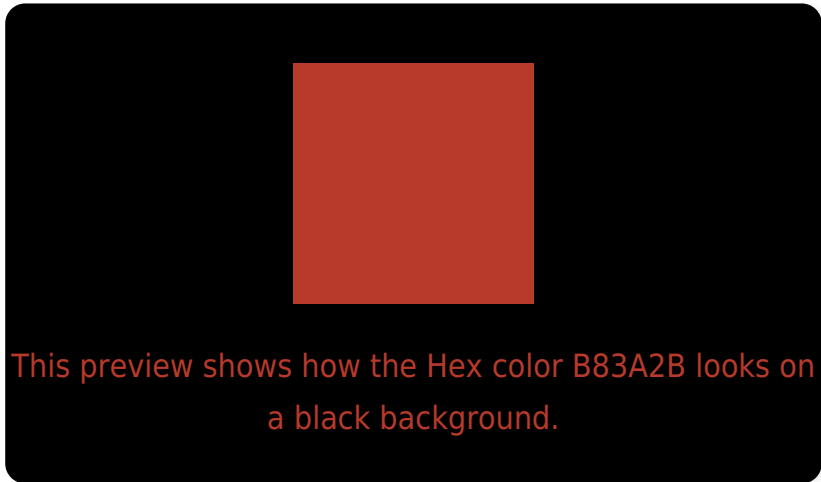
Large Text (above 18pt) WCAG AA ✓ Pass

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 B83A2B Background



This preview shows how black text looks on a background with the Hex color B83A2B.



This preview shows how white text looks on a background with the Hex color B83A2B.

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
B83A2B

Protanopia
726739

Deuteranopia
816222



Tritanopia
B9383B

Trichromacy



Original Color
B83A2B

Protanomaly
8B5734

Deuteranomaly
955325

Tritanomaly
B93935

Monochromacy



Original Color
B83A2B

Achromatopsia
5E5E5E

Achromatomaly
7F514B

CSS Examples

Text

The CSS property to change the color of the text to Hex B83A2B 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 #B83A2B looks like.

```
.text, #text, p{  
    color:#B83A2B  
}
```

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 #B83A2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B83A2B
}
```

Border

The CSS property to change the border of an element to Hex B83A2B is called "border". The border property can be set on classes, ids or directly on the HTML element.

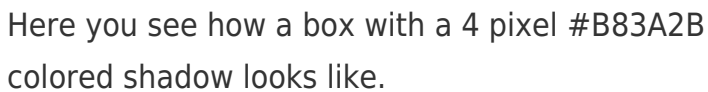
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B83A2B }
```

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

```
.border{ border-color:#B83A2B }
```

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



Here you see how a box with a 4 pixel #B83A2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B83A2B; -webkit-box-shadow:4px 4px  
4px 4px #B83A2B; box-shadow:4px 4px 4px  
4px #B83A2B }
```

Background

The CSS property to change the background color of an element to Hex B83A2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B83A2B }
```

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

```
.background{ background-color:#B83A2B }
```

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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