

Converting Colors

Hex(B83D2D)

Have a look what the booklet for
Hex(B83D2D) contains.

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Color

Hex(B83D2D)

Conversions

Conversions Part 1

Format	Color
Hex	B83D2D
RGB	184, 61, 45
RGB Percent	72%, 24%, 18%
CMY	0.2784, 0.7608, 0.8235
CMYK	0.00, 0.67, 0.76, 0.28
HSL	7°, 61%, 45%
HSV	7°, 76%, 72%
XYZ	21.9096, 13.7173, 3.9756
YIQ	95.9530, 78.4440, 21.1000

Conversions

Conversions Part 2

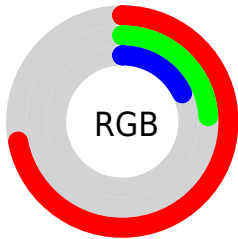
Format	Color
RYB	184, 63, 45
Decimal	12074285
CIELab	43.82, 48.71, 36.80
CIELCh	44, 61.045, 37.068
Yxy	13.7173, 0.5532, 0.3464
Android (android.graphics.Color)	4290264365 (0xFFB83D2D)
YUV	95.9530, -25.1198, 77.2172
Hunter-Lab	37.0369, 40.7791, 19.5616

Details

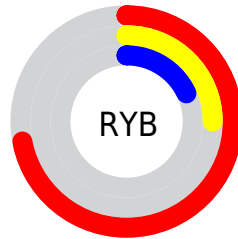
The Hex color **B83D2D** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **2DA8B8**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **F6735C**, and **7C0000** is the 20% darker color. If you saturate the color by 10%, you get **B82D1B**, and if you desaturate by 10%, it is **B84D3F**.

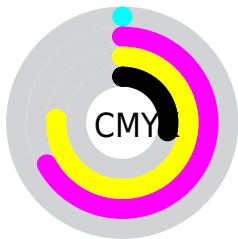
Distribution



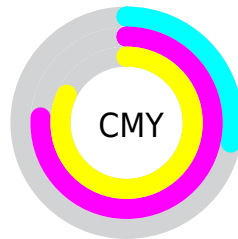
- Red (72%)
- Green (24%)
- Blue (18%)



- Red (72%)
- Yellow (25%)
- Blue (18%)



- Cyan (0%)
- Magenta (67%)
- Yellow (76%)
- Black (28%)



- Cyan (28%)
- Magenta (76%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color B83D2D 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 B83D2D by changing the saturation by 10% instead.

 B83D2D

 B83D2D

FFFFFF

 992017

 F6735C

 7C0000

 FF8E75

 5E0000

 FFAA8F

 410001

 FFC6A9

 240001

 FFE3C5

 000000

 FFFFE1

 FFFFFD

 B83D2D

 B83D2D

 B82D1B

 B84D3F

 B81C08

 B85E52

 B81500

 B86E64

 B87E77

 B88E89

 B89F9B

 B8AFAE

 B8BFC0

 B8D0D3

Harmonies

Analogous

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



C02B5E



B83D2D



9C5600

Triad

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



B83D2D



007B3D



006ACD

Complementary

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



B83D2D



2DA8B8

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.



0077C5



B83D2D



007E73

Square

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



B83D2D



3B7500



007DA4



7654B9

Rectangle

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



B83D2D



826400



007DA4



006FCE

Sweetspot

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



B83D2D



F0BFB9



B82DAA



785A56



F7F7F7



787878

Same Dimension

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



B83D2D



F02F16



B8802D



5C5453



9C1200



1C0300

Inverse Universe

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



2DA8B8



16D7F0



2D65B8



535B5C



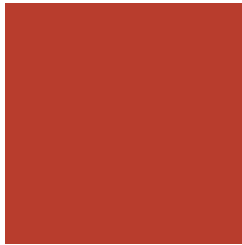
008A9C



00191C

Previews

White Background



This preview shows how the Hex color B83D2D looks on a white background.

Color Contrast Check

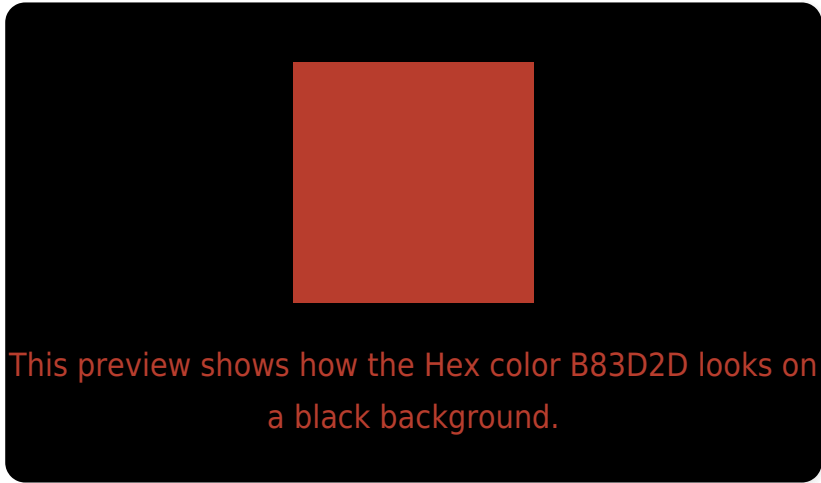
Large Text (above 18pt) WCAG AA ✓ Pass

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 B83D2D Background



This preview shows how black text looks on a background with the Hex color B83D2D.



This preview shows how white text looks on a background with the Hex color B83D2D.

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





Tritanopia
B93B3E

Trichromacy



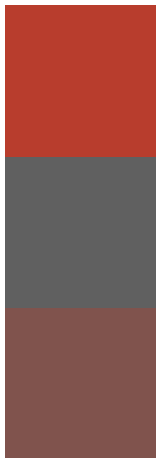
Original Color
B83D2D

Protanomaly
8C5835

Deuteranomaly
965527

Tritanomaly
B93C38

Monochromacy



Original Color
B83D2D

Achromatopsia
606060

Achromatomaly
80534D

CSS Examples

Text

The CSS property to change the color of the text to Hex B83D2D 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 #B83D2D looks like.

```
.text, #text, p{  
    color:#B83D2D  
}
```

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 #B83D2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B83D2D
}
```

Border

The CSS property to change the border of an element to Hex B83D2D is called "border". The border property can be set on classes, ids or directly on the HTML element.

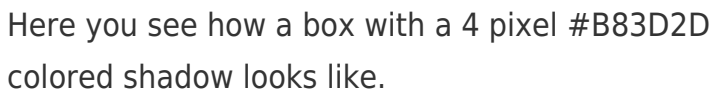
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B83D2D }
```

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

```
.border{ border-color:#B83D2D }
```

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



Here you see how a box with a 4 pixel #B83D2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B83D2D; -webkit-box-shadow:4px 4px  
4px 4px #B83D2D; box-shadow:4px 4px 4px  
4px #B83D2D }
```

Background

The CSS property to change the background color of an element to Hex B83D2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B83D2D }
```

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

```
.background{ background-color:#B83D2D }
```

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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