

Converting Colors

Hex(B83100)

Have a look what the booklet for
Hex(B83100) contains.

Hex(B83100)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B83100)

Conversions

Conversions Part 1

Format	Color
Hex	B83100
RGB	184, 49, 0
RGB Percent	72%, 19%, 0%
CMY	0.2784, 0.8078, 1.0000
CMYK	0.00, 0.73, 1.00, 0.28
HSL	16°, 100%, 36%
HSV	16°, 100%, 72%
XYZ	20.8655, 12.3870, 1.2912
YIQ	83.7790, 96.1890, 13.3810

Conversions

Conversions Part 2

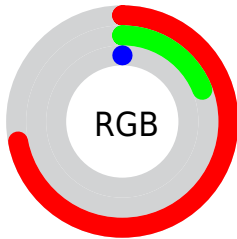
Format	Color
RYB	184, 67, 0
Decimal	12071168
CIELab	41.82, 52.38, 54.09
CIElCh	42, 75.295, 45.920
Yxy	12.3870, 0.6040, 0.3586
Android (android.graphics.Color)	4290261248 (0xFFB83100)
YUV	83.7790, -41.3030, 87.8938
Hunter-Lab	35.1951, 44.2325, 22.4614

Details

The Hex color **B83100** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **0087B8**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **F86836**, and **7A0000** is the 20% darker color. If you saturate the color by 10%, you get **B83100**, and if you desaturate by 10%, it is **B83E12**.

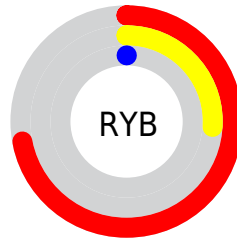
Distribution



Red (72%)

Green (19%)

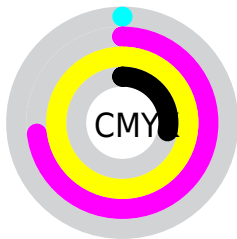
Blue (0%)



Red (72%)

Yellow (26%)

Blue (0%)

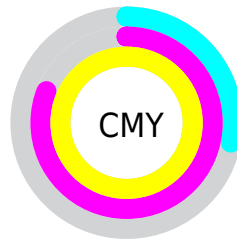


Cyan (0%)

Magenta (73%)

Yellow (100%)

Black (28%)



Cyan (28%)

Magenta (81%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B83100 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 B83100 by changing the saturation by 10% instead.

 B83100

 B83100

 FFFFF1

 990D00

 F86836

 7A0000

 FF844F

 5B0000

 FF9F68

 3F0002

 FFBC82

 1F0001

 FFD89D

 000000

 FFF6B8

 FFFF4D

 B83100

 B83E12

 B84C25

 B85A37

 B8674A

 B8755C

 B8826E

 B89081

 B89D93

 B8ABA6

Harmonies

Analogous

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



CB0045



B83100



915500

Triad

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



B83100



007A42



0060DC

Complementary

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



B83100



0087B8

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.



0073DD



B83100



007C83

Square

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



B83100



007500



007BBC



8B3DBA

Rectangle

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



B83100



6E6400



007BBC



0068E0

Sweetspot

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



B83100



F0BBA8



B8008A



78584D



F7F7F7



787878

Same Dimension

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



B83100



F04000



B88A00



5C5553



9C2900



1C0700

Inverse Universe

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



0087B8



00B0F0



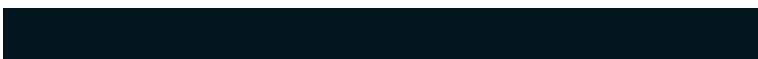
002EB8



53595C



00729C



00151C

Previews

White Background



This preview shows how the Hex color B83100 looks on a white background.

Color Contrast Check

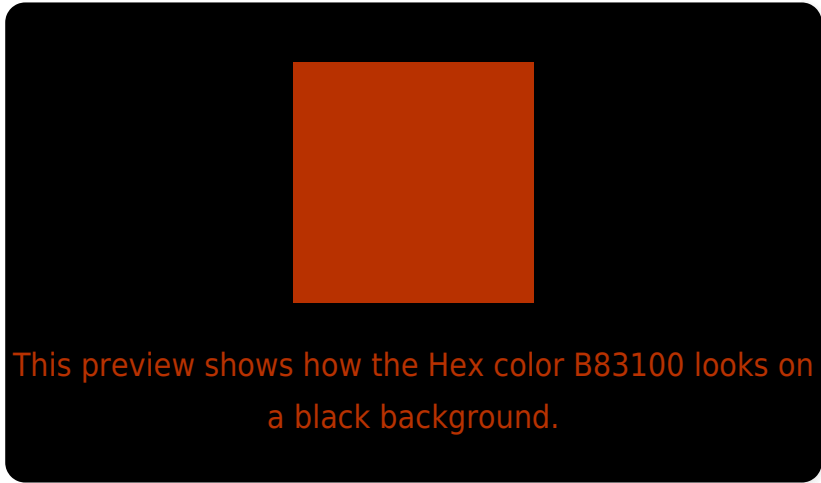
Large Text (above 18pt) WCAG AA ✓ Pass

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 B83100 Background



This preview shows how black text looks on a background with the Hex color B83100.



This preview shows how white text looks on a background with the Hex color B83100.

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

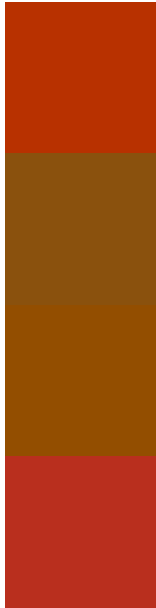


Original Color
B83100

Protanopia
706415

Deuteranopia
7E5F00

Trichromacy



Original Color
B83100

Protanomaly
8A510D

Deuteranomaly
934E00

Tritanomaly
B92F1E

Monochromacy



Original Color
B83100

Achromatopsia
545454

Achromatomaly
784735

CSS Examples

Text

The CSS property to change the color of the text to Hex B83100 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 #B83100 looks like.

```
.text, #text, p{  
    color:#B83100  
}
```

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 #B83100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B83100
}
```

Border

The CSS property to change the border of an element to Hex B83100 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
#B83100 }
```

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

```
.border{ border-color:#B83100 }
```

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

Here you see how a box with a 4 pixel #B83100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B83100; -webkit-box-shadow:4px 4px  
4px 4px #B83100; box-shadow:4px 4px 4px  
4px #B83100 }
```

Background

The CSS property to change the background color of an element to Hex B83100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B83100 }
```

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

```
.background{ background-color:#B83100 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor