

Converting Colors

Hex(B83D14)

Have a look what the booklet for
Hex(B83D14) contains.

Hex(B83D14)	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(B83D14)

Conversions

Conversions Part 1

Format	Color
Hex	B83D14
RGB	184, 61, 20
RGB Percent	72%, 24%, 8%
CMY	0.2784, 0.7608, 0.9216
CMYK	0.00, 0.67, 0.89, 0.28
HSL	15°, 80%, 40%
HSV	15°, 89%, 72%
XYZ	21.5622, 13.5783, 2.1462
YIQ	93.1030, 86.4690, 13.3250

Conversions

Conversions Part 2

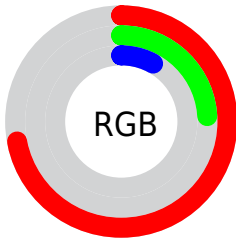
Format	Color
RYB	184, 75, 20
Decimal	12074260
CIELab	43.62, 47.95, 48.77
CIElCh	44, 68.397, 45.484
Yxy	13.5783, 0.5783, 0.3642
Android (android.graphics.Color)	4290264340 (0xFFB83D14)
YUV	93.1030, -36.0398, 79.7167
Hunter-Lab	36.8488, 39.9644, 22.3408

Details

The Hex color **B83D14** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **148FB8**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **F77245**, and **7B0000** is the 20% darker color. If you saturate the color by 10%, you get **B82F02**, and if you desaturate by 10%, it is **B84B26**.

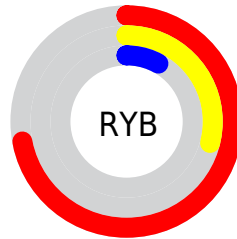
Distribution



Red (72%)

Green (24%)

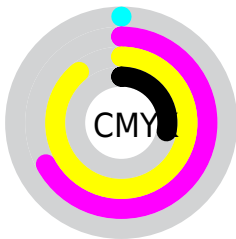
Blue (8%)



Red (72%)

Yellow (29%)

Blue (8%)

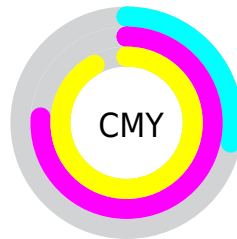


Cyan (0%)

Magenta (67%)

Yellow (89%)

Black (28%)



Cyan (28%)

Magenta (76%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color B83D14 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 B83D14 by changing the saturation by 10% instead.

 B83D14

 B83D14

FFFFFF

 992100

 F77245

 7B0000

 FF8E5E

 5C0000

 FFA977

 400001

 FFC591

 220001

 FFE2AC

 000000

 FFFFFC8

 FFFFFE4

 B83D14

 B83D14

 B82F02

 B84B26

 B82E00

 B85939

 B8664B

 B8745E

 B88270

 B89082

 B89E95

 B8ABA7

 B8B9BA

Harmonies

Analogous

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



C81A4D



B83D14



945A00

Triad

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



B83D14



007E48



0064D6

Complementary

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



B83D14



148FB8

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.



0076D6



B83D14



007F84

Square

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



B83D14



087800



007EB8



8C47B8

Rectangle

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



B83D14



746800



007EB8



006BDA

Sweetspot

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



B83D14



F0BFAF



B8148F



785B51



F7F7F7



787878

Same Dimension

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



B83D14



F03C00



B88F14



5C5553



9C2700



1C0700

Inverse Universe

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



148FB8



00B4F0



143DB8



535A5C



00759C



00151C

Previews

White Background



This preview shows how the Hex color B83D14 looks on a white background.

Color Contrast Check

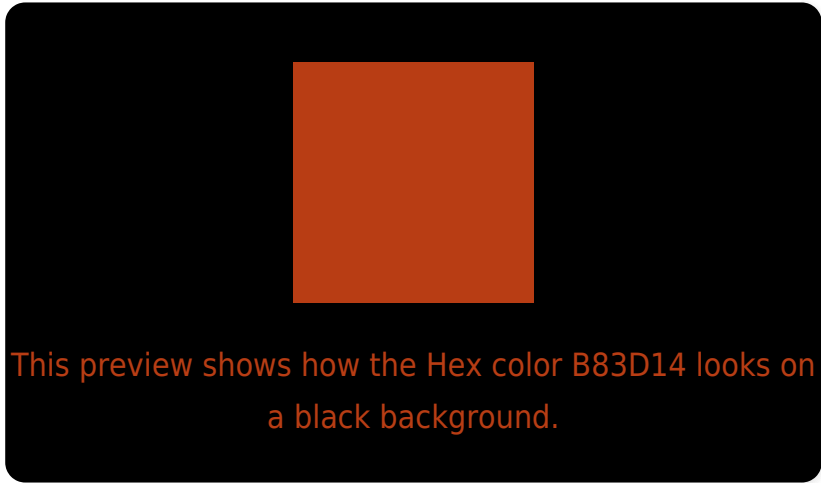
Large Text (above 18pt) WCAG AA ✓ Pass

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 B83D14 Background



This preview shows how black text looks on a background with the Hex color B83D14.



This preview shows how white text looks on a background with the Hex color B83D14.

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
B83D14

Protanopia
75681F

Deuteranopia
836300

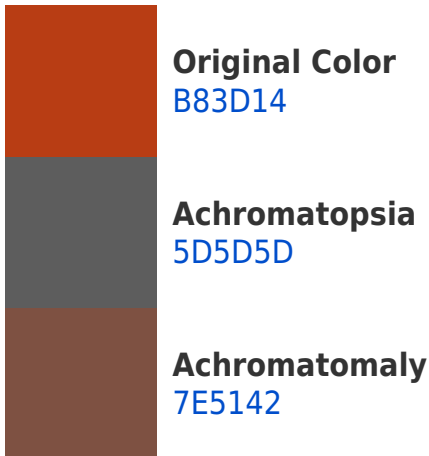


Tritanopia
B9393C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B83D14 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 #B83D14 looks like.

```
.text, #text, p{  
    color:#B83D14  
}
```

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 #B83D14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B83D14
}
```

Border

The CSS property to change the border of an element to Hex B83D14 is called "border". The border property can be set on classes, ids or directly on the HTML element.

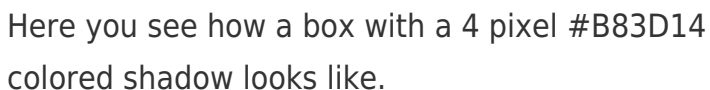
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B83D14 }
```

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

```
.border{ border-color:#B83D14 }
```

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



Here you see how a box with a 4 pixel #B83D14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B83D14; -webkit-box-shadow:4px 4px  
4px 4px #B83D14; box-shadow:4px 4px 4px  
4px #B83D14 }
```

Background

The CSS property to change the background color of an element to Hex B83D14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B83D14 }
```

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

```
.background{ background-color:#B83D14 }
```

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