

# Converting Colors

Hex(B83818)

Have a look what the booklet for  
Hex(B83818) contains.

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**Color**

**Hex(B83818)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B83818
RGB	184, 56, 24
RGB Percent	72%, 22%, 9%
CMY	0.2784, 0.7804, 0.9059
CMYK	0.00, 0.70, 0.87, 0.28
HSL	12°, 77%, 41%
HSV	12°, 87%, 72%
XYZ	21.3462, 13.0846, 2.2647
YIQ	90.6240, 86.5600, 17.1840

# Conversions

## Conversions Part 2

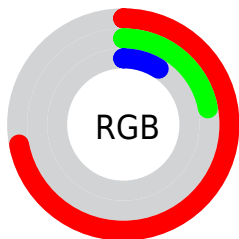
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	184, 64, 24
Decimal	12072984
CIE <sub>Lab</sub>	42.89, 50.09, 46.53
CIE <sub>LCh</sub>	43, 68.366, 42.895
Yxy	13.0846, 0.5817, 0.3566
Android (android.graphics.Color)	4290263064 (0xFFB83818)
YUV	90.6240, -32.8456, 81.8908
Hunter-Lab	36.1727, 42.0341, 21.6089

# Details

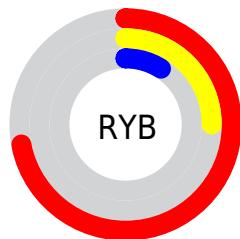
The Hex color **B83818** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1898B8**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **F76E48**, and **7B0000** is the 20% darker color. If you saturate the color by 10%, you get **B82906**, and if you desaturate by 10%, it is **B8472A**.

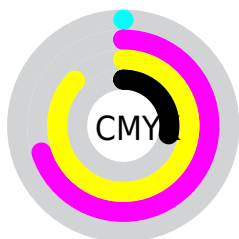
# Distribution



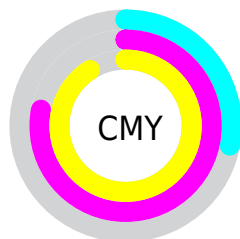
- Red (72%)
- Green (22%)
- Blue (9%)



- Red (72%)
- Yellow (25%)
- Blue (9%)



- Cyan (0%)
- Magenta (70%)
- Yellow (87%)
- Black (28%)



- Cyan (28%)
- Magenta (78%)
- Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B83818 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 B83818 by changing the saturation by 10% instead.



 B83818

 B83818

FFFFFF

 991900

 F76E48

 7B0000

 FF8960

 5C0000

 FFA57A

 400001

 FFC194

 210001

 FFDEAF

 000000

 FFFBCB

 FFFFE7

 B83818

 B83818

 B82906

 B8472A

 B82500

 B8553D

 B8644F

 B87362

 B88274

 B89086

 B89F99

 B8AEAB

 B8BCBE

# Harmonies

## Analogous

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



C61350



B83818



955700

# Triad

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



B83818



007B42



0064D5

# Complementary

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



B83818



1898B8

# 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.



0075D2



B83818



007D7D

# Square

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



B83818



187600



007CB2



8448B9

# Rectangle

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



B83818



776500



007CB2



006BD8



# Sweetspot

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



B83818



F0BEB1



B81898



785A53



F7F7F7



787878



# Same Dimension

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



B83818



F03000



B88818



5C5453



9C1F00



1C0600



# Inverse Universe

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



1898B8



00C0F0



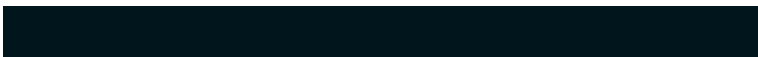
1848B8



535A5C



007C9C



00161C



# Previews

## White Background



This preview shows how the Hex color B83818 looks on a white background.

## Color Contrast Check

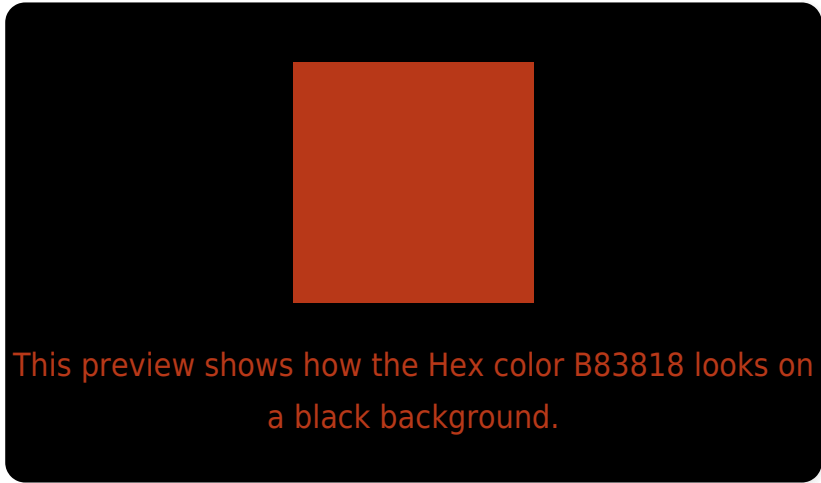
Large Text (above 18pt) WCAG AA ✓ Pass

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 B83818 Background



This preview shows how black text looks on a background with the Hex color B83818.



This preview shows how white text looks on a background with the Hex color B83818.

# 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**  
B83818

**Protanopia**  
726623

**Deuteranopia**  
816100



**Tritanopia**  
B93537

# Trichromacy



**Original Color**  
B83818

**Protanomaly**  
8B551F

**Deuteranomaly**  
955209

**Tritanomaly**  
B9362C

# Monochromacy



**Original Color**  
B83818

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
7D4E43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B83818 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 #B83818 looks like.

```
.text, #text, p{  
    color:#B83818  
}
```

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 #B83818 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B83818
}
```

## Border

The CSS property to change the border of an element to Hex B83818 is called "border". The border property can be set on classes, ids or directly on the HTML element.

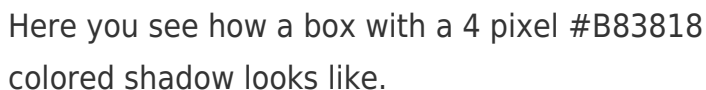
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B83818 }
```

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

```
.border{ border-color:#B83818 }
```

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



Here you see how a box with a 4 pixel #B83818 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B83818; -webkit-box-shadow:4px 4px  
4px 4px #B83818; box-shadow:4px 4px 4px  
4px #B83818 }
```

# Background

The CSS property to change the background color of an element to Hex B83818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B83818 }
```

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

```
.background{ background-color:#B83818 }
```

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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