

Converting Colors

Hex(B43311)

Have a look what the booklet for
Hex(B43311) contains.

Hex(B43311)	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(B43311)

Conversions

Conversions Part 1

Format	Color
Hex	B43311
RGB	180, 51, 17
RGB Percent	71%, 20%, 7%
CMY	0.2941, 0.8000, 0.9333
CMYK	0.00, 0.72, 0.91, 0.29
HSL	13°, 83%, 39%
HSV	13°, 91%, 71%
XYZ	20.1074, 12.1114, 1.8083
YIQ	85.6950, 87.7980, 16.7740

Conversions

Conversions Part 2

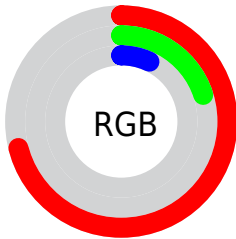
Format	Color
R_{YB}	180, 60, 17
Decimal	11809553
CIE Lab	41.39, 50.54, 47.93
CIE LCh	41, 69.654, 43.477
Yxy	12.1114, 0.5909, 0.3559
Android (android.graphics.Color)	4289999633 (0xFFB43311)
YUV	85.6950, -33.8666, 82.7055
Hunter-Lab	34.8015, 42.2301, 21.2803

Details

The Hex color **B43311** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1192B4**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **F36A41**, and **760000** is the 20% darker color. If you saturate the color by 10%, you get **B42600**, and if you desaturate by 10%, it is **B44123**.

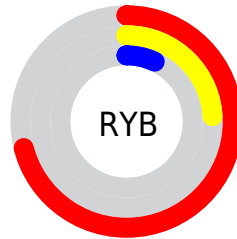
Distribution



Red (71%)

Green (20%)

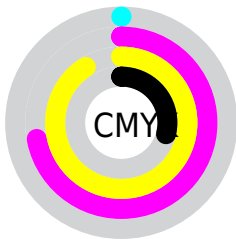
Blue (7%)



Red (71%)

Yellow (24%)

Blue (7%)

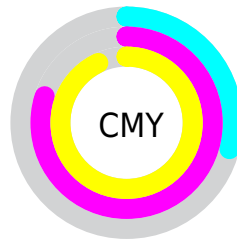


Cyan (0%)

Magenta (72%)

Yellow (91%)

Black (29%)



Cyan (29%)

Magenta (80%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color B43311 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 B43311 by changing the saturation by 10% instead.

 B43311

 B43311

FFFFFFD

 951200

 F36A41

 760000

 FF855A

 580000

 FFA073

 3D0002

 FFBC8D

 1A0001

 FFD9A8

 000000

 FFF6C4

 FFFFEO

 B43311

 B43311

 B42600

 B44123

 B44F35

 B45E47

 B46C59

 B47A6B

 B4887D

 B4978F

 B4A5A1

 B4B3B3

Harmonies

Analogous

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



C3004B



B43311



915300

Triad

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



B43311



00783F



0061D3

Complementary

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



B43311



1192B4

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.



0071D1



B43311



007A7B

Square

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



B43311



057200



0078B0



8243B6

Rectangle

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



B43311



726200



0078B0



0067D6

Sweetspot

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



B43311



EBB8AB



B41193



755850



F5F5F5



757575

Same Dimension

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



B43311



EB3100



B48311



595250



992000



1A0500

Inverse Universe

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



1192B4



00BAEB



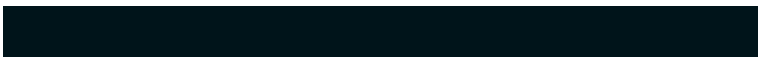
1142B4



505759



007999



00141A

Previews

White Background



This preview shows how the Hex color B43311 looks on a white background.

Color Contrast Check

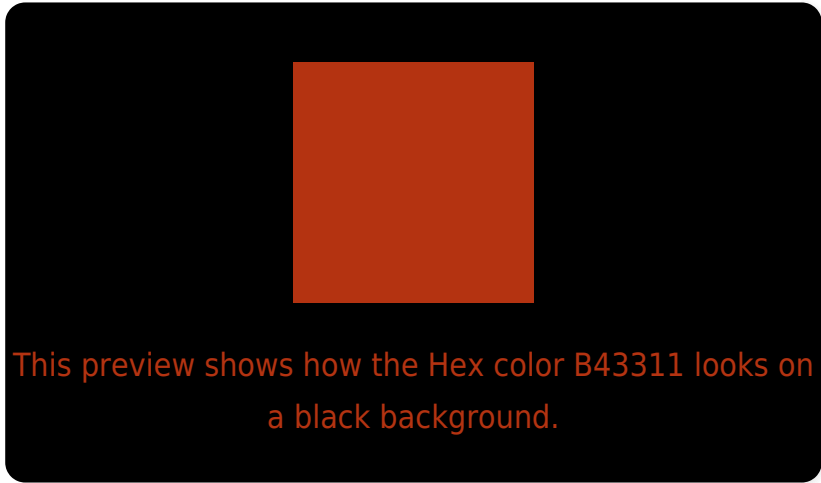
Large Text (above 18pt) WCAG AA ✓ Pass

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 B43311 Background



This preview shows how black text looks on a background with the Hex color B43311.



This preview shows how white text looks on a background with the Hex color B43311.

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

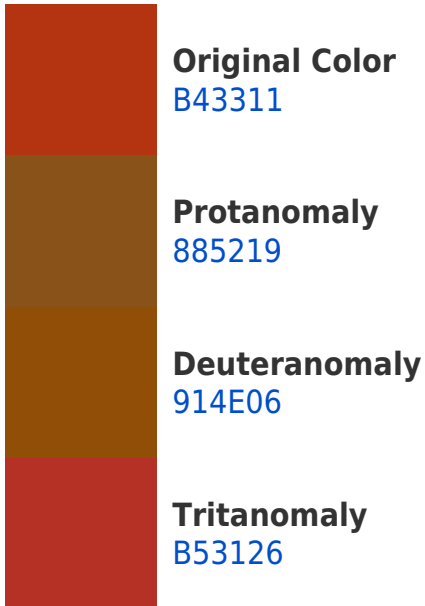


Original Color
B43311

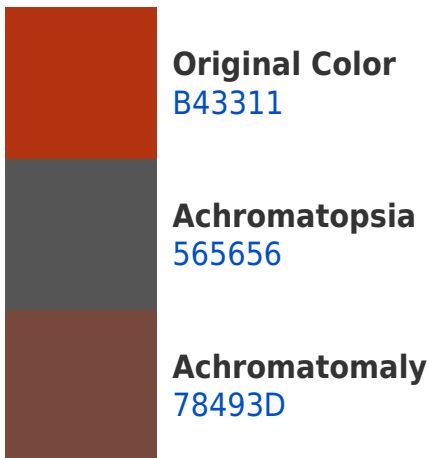
Protanopia
6F631D

Deuteranopia
7D5E00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B43311 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 #B43311 looks like.

```
.text, #text, p{  
    color:#B43311  
}
```

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 #B43311 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B43311
}
```

Border

The CSS property to change the border of an element to Hex B43311 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
#B43311 }
```

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

```
.border{ border-color:#B43311 }
```

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

Here you see how a box with a 4 pixel #B43311 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B43311; -webkit-box-shadow:4px 4px  
4px 4px #B43311; box-shadow:4px 4px 4px  
4px #B43311 }
```

Background

The CSS property to change the background color of an element to Hex B43311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B43311 }
```

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

```
.background{ background-color:#B43311 }
```

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