

Converting Colors

Hex(B3300B)

Have a look what the booklet for
Hex(B3300B) contains.

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Color

Hex(B3300B)

Conversions

Conversions Part 1

Format	Color
Hex	B3300B
RGB	179, 48, 11
RGB Percent	70%, 19%, 4%
CMY	0.2980, 0.8118, 0.9569
CMYK	0.00, 0.73, 0.94, 0.30
HSL	13°, 88%, 37%
HSV	13°, 94%, 70%
XYZ	19.7078, 11.7218, 1.5404
YIQ	82.9510, 89.9530, 16.2650

Conversions

Conversions Part 2

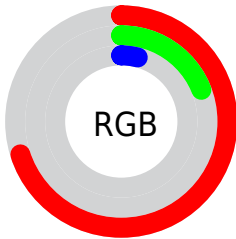
Format	Color
R_{YB}	179, 58, 11
Decimal	11743243
CIE _{Lab}	40.77, 51.24, 49.51
CIE _{LCh}	41, 71.250, 44.016
Yxy	11.7218, 0.5977, 0.3555
Android (android.graphics.Color)	4289933323 (0xFFB3300B)
YUV	82.9510, -35.4718, 84.2350
Hunter-Lab	34.2371, 42.8344, 21.2983

Details

The Hex color **B3300B** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0B8EB3**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **F2673D**, and **750000** is the 20% darker color. If you saturate the color by 10%, you get **B32700**, and if you desaturate by 10%, it is **B33E1D**.

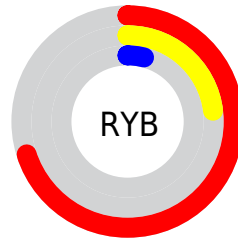
Distribution



Red (70%)

Green (19%)

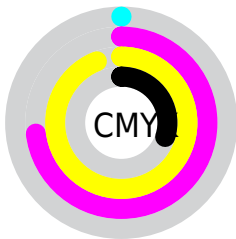
Blue (4%)



Red (70%)

Yellow (23%)

Blue (4%)

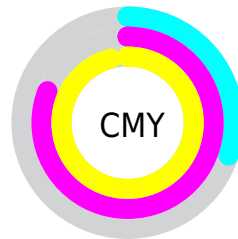


Cyan (0%)

Magenta (73%)

Yellow (94%)

Black (30%)



Cyan (30%)

Magenta (81%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3300B 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 B3300B by changing the saturation by 10% instead.

 B3300B

 B3300B

 FFFFF8

 940D00

 F2673D

 750000

 FF8255

 570000

 FF9E6F

 3C0002

 FFBA89

 180001

 FFD7A3

 000000

 FFF4BF

 FFFFDB

 B3300B

 B3300B

 B32700

 B33E1D

 B34C2F

 B35A41

 B36853

 B37665

 B38476

 B39288

 B3A09A

 B3AEAC

Harmonies

Analogous

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



C30048



B3300B



8F5200

Triad

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



B3300B



00763D



005FD3

Complementary

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



B3300B



0B8EB3

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.



0070D2



B3300B



00787B

Square

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



B3300B



007100



0077B1



8240B5

Rectangle

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



B3300B



6F6100



0077B1



0066D7

Sweetspot

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



B3300B



E8B5A7



B30B8F



75564D



F5F5F5



757575

Same Dimension

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



B3300B



E83300



B3830B



595250



992200



1A0600

Inverse Universe

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



0B8EB3



00B5E8



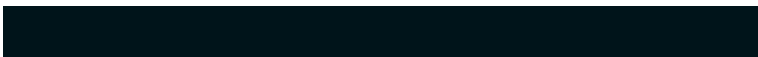
0B3BB3



505759



007799



00141A

Previews

White Background



This preview shows how the Hex color B3300B looks on a white background.

Color Contrast Check

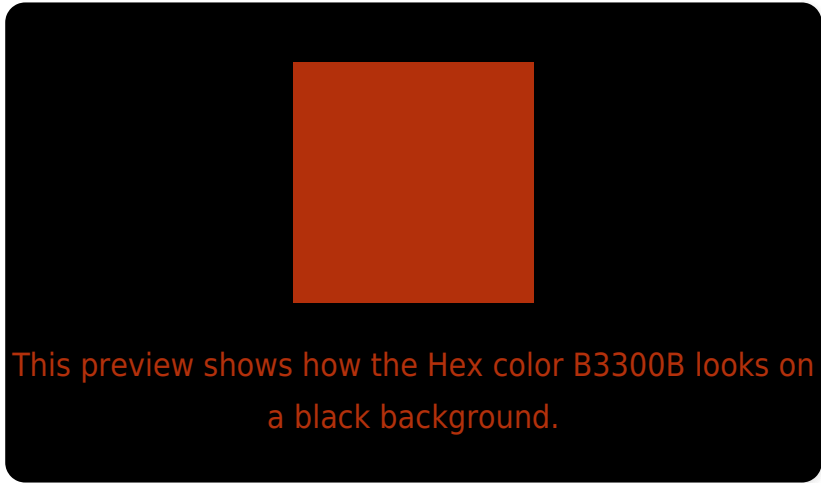
Large Text (above 18pt) WCAG AA ✓ Pass

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 B3300B Background



This preview shows how black text looks on a background with the Hex color B3300B.



This preview shows how white text looks on a background with the Hex color B3300B.

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
B3300B

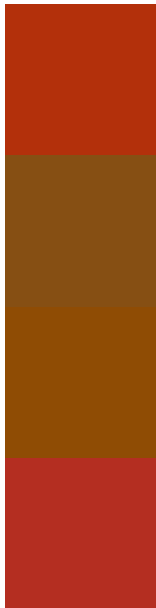
Protanopia
6D6118

Deuteranopia
7B5C00



Tritanopia
B42D2E

Trichromacy



Original Color
B3300B

Protanomaly
864F13

Deuteranomaly
8F4C04

Tritanomaly
B42E21

Monochromacy



Original Color
B3300B

Achromatopsia
535353

Achromatomaly
764639

CSS Examples

Text

The CSS property to change the color of the text to Hex B3300B 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 #B3300B looks like.

```
.text, #text, p{  
    color:#B3300B  
}
```

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 #B3300B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3300B } }
```

Border

The CSS property to change the border of an element to Hex B3300B is called "border". The border property can be set on classes, ids or directly on the HTML element.

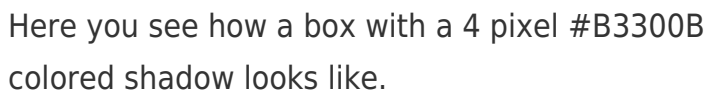
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #B3300B } }
```

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

```
.border{ border-color:#B3300B }
```

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



Here you see how a box with a 4 pixel `#B3300B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3300B; -webkit-box-shadow:4px 4px  
4px 4px #B3300B; box-shadow:4px 4px 4px  
4px #B3300B }
```

Background

The CSS property to change the background color of an element to Hex B3300B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3300B }
```

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

```
.background{ background-color:#B3300B }
```

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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