

Converting Colors

Hex(B33515)

Have a look what the booklet for
Hex(B33515) contains.

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Color

Hex(B33515)

Conversions

Conversions Part 1

Format	Color
Hex	B33515
RGB	179, 53, 21
RGB Percent	70%, 21%, 8%
CMY	0.2980, 0.7922, 0.9176
CMYK	0.00, 0.70, 0.88, 0.30
HSL	12°, 79%, 39%
HSV	12°, 88%, 70%
XYZ	19.9989, 12.1841, 2.0072
YIQ	87.0260, 85.3680, 16.7600

Conversions

Conversions Part 2

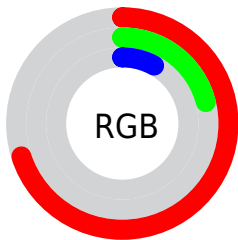
Format	Color
R_{YB}	179, 61, 21
Decimal	11744533
CIE Lab	41.51, 49.51, 46.32
CIE LCh	42, 67.801, 43.090
Yxy	12.1841, 0.5849, 0.3564
Android (android.graphics.Color)	4289934613 (0xFFB33515)
YUV	87.0260, -32.5508, 80.6612
Hunter-Lab	34.9057, 41.1849, 21.0246

Details

The Hex color **B33515** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1593B3**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **F26B45**, and **760000** is the 20% darker color. If you saturate the color by 10%, you get **B32703**, and if you desaturate by 10%, it is **B34327**.

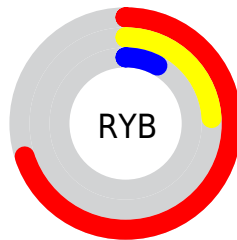
Distribution



Red (70%)

Green (21%)

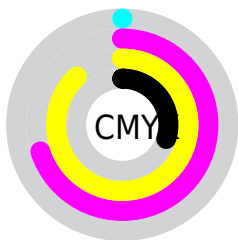
Blue (8%)



Red (70%)

Yellow (24%)

Blue (8%)

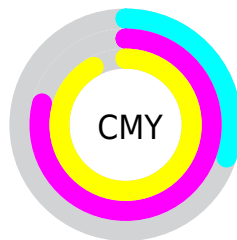


Cyan (0%)

Magenta (70%)

Yellow (88%)

Black (30%)



Cyan (30%)

Magenta (79%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color B33515 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 B33515 by changing the saturation by 10% instead.

 B33515

 B33515

FFFFFF

 941600

 F26B45

 760000

 FF865D

 580000

 FFA276

 3C0002

 FFBE91

 1A0001

 FFDBAB

 000000

 FFF8C7

 FFFF E3

 B33515

 B33515

 B32703

 B34327

 B32400

 B35239

 B3604B

 B36E5D

 B37C6E

 B38B80

 B39992

 B3A7A4

 B3B5B6

Harmonies

Analogous

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



C10D4C



B33515



915300

Triad

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



B33515



00783F



0061D0

Complementary

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



B33515



1593B3

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.



0071CE



B33515



00797A

Square

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



B33515



127200



0078AE



8045B4

Rectangle

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



B33515



736200



0078AE



0068D3

Sweetspot

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



B33515



E8B8AC



B31593



755851



F5F5F5



757575

Same Dimension

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



B33515



E82F00



B38415



595250



991F00



1A0500

Inverse Universe

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



1593B3



00B9E8



1544B3



505759



007A99



00141A

Previews

White Background



This preview shows how the Hex color B33515 looks on a white background.

Color Contrast Check

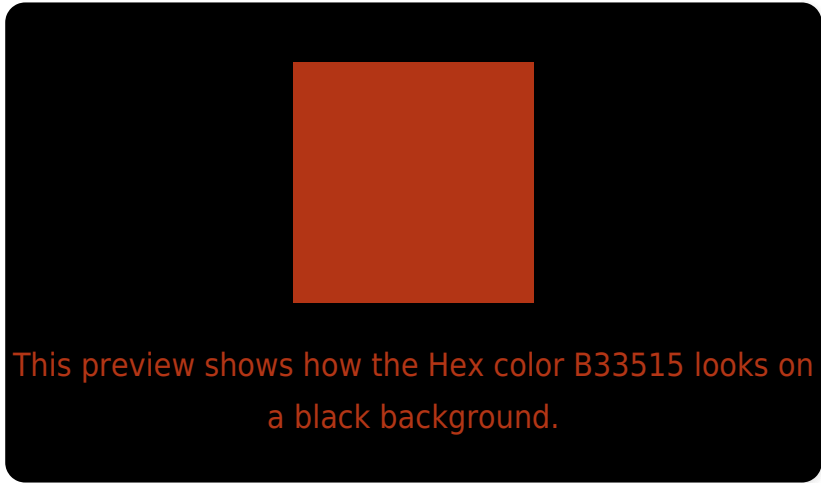
Large Text (above 18pt) WCAG AA ✓ Pass

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 B33515 Background



This preview shows how black text looks on a background with the Hex color B33515.



This preview shows how white text looks on a background with the Hex color B33515.

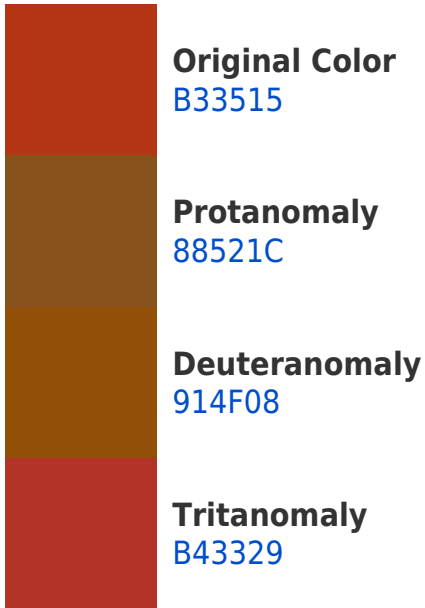
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B33515 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 #B33515 looks like.

```
.text, #text, p{  
    color:#B33515  
}
```

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 #B33515 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B33515
}
```

Border

The CSS property to change the border of an element to Hex B33515 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".

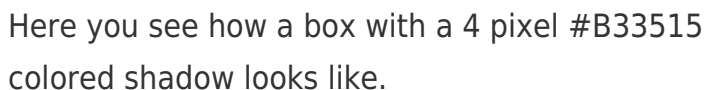
```
.border, #border, table{ border:4px solid
#B33515 }
```

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

```
.border{ border-color:#B33515 }
```

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

Here you see how a box with a 4 pixel #B33515 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B33515; -webkit-box-shadow:4px 4px  
4px 4px #B33515; box-shadow:4px 4px 4px  
4px #B33515 }
```

Background

The CSS property to change the background color of an element to Hex B33515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B33515 }
```

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

```
.background{ background-color:#B33515 }
```

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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