

Converting Colors

Hex(B33A2D)

Have a look what the booklet for
Hex(B33A2D) contains.

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Color

Hex(B33A2D)

Conversions

Conversions Part 1

Format	Color
Hex	B33A2D
RGB	179, 58, 45
RGB Percent	70%, 23%, 18%
CMY	0.2980, 0.7725, 0.8235
CMYK	0.00, 0.68, 0.75, 0.30
HSL	6°, 60%, 44%
HSV	6°, 75%, 70%
XYZ	20.5771, 12.7993, 3.8686
YIQ	92.6970, 76.2890, 21.6090

Conversions

Conversions Part 2

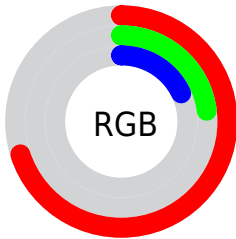
Format	Color
R _Y B	179, 59, 45
Decimal	11745837
CIE Lab	42.46, 48.25, 35.04
CIE LCh	42, 59.632, 35.990
Yxy	12.7993, 0.5525, 0.3437
Android (android.graphics.Color)	4289935917 (0xFFB33A2D)
YUV	92.6970, -23.5146, 75.6877
Hunter-Lab	35.7761, 40.0586, 18.6320

Details

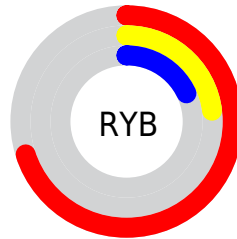
The Hex color **B33A2D** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **2DA6B3**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **F1705C**, and **770000** is the 20% darker color. If you saturate the color by 10%, you get **B32A1B**, and if you desaturate by 10%, it is **B34A3F**.

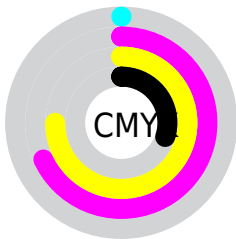
Distribution



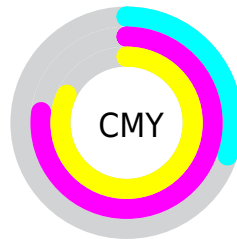
- Red (70%)
- Green (23%)
- Blue (18%)



- Red (70%)
- Yellow (23%)
- Blue (18%)



- Cyan (0%)
- Magenta (68%)
- Yellow (75%)
- Black (30%)



- Cyan (30%)
- Magenta (77%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color B33A2D 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 B33A2D by changing the saturation by 10% instead.

 B33A2D

 B33A2D

FFFFFF

 951D17

 F1705C

 770000

 FF8B75

 590000

 FFA68E

 3D0001

 FFC2A9

 1D0001

 FFDFC4

 000000

 FFFCE0

 FFFFFD

 B33A2D

 B33A2D

 B32A1B

 B34A3F

 B31A09

 B35A51

 B31100

 B36A63

 B37B75

 B38B87

 B39B98

 B3ABAA

 B3BBBC

 B3CBCE

Harmonies

Analogous

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



BA295D



B33A2D



985200

Triad

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



B33A2D



00773A



0067C7

Complementary

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



B33A2D



2DA6B3

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.



0074BE



B33A2D



007A6D

Square

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



B33A2D



3C7100



00799D



7052B5

Rectangle

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



B33A2D



7F6000



00799D



006CC7

Sweetspot

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



B33A2D



E8BAB5



B32DA8



755A57



F5F5F5



757575

Same Dimension

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



B33A2D



E82B17



B37B2D



595150



990F00



1A0200

Inverse Universe

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



2DA6B3



17D4E8



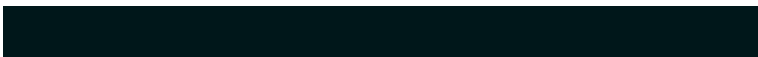
2D65B3



505859



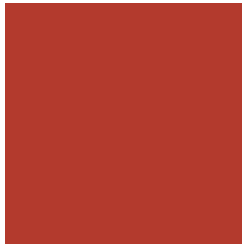
008A99



00171A

Previews

White Background



This preview shows how the Hex color B33A2D looks on a white background.

Color Contrast Check

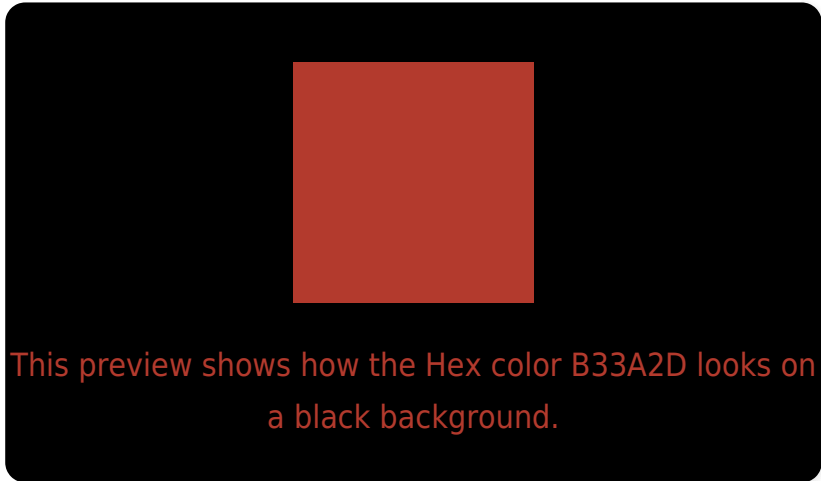
Large Text (above 18pt) WCAG AA ✓ Pass

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 B33A2D Background



This preview shows how black text looks on a background with the Hex color B33A2D.



This preview shows how white text looks on a background with the Hex color B33A2D.

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





Tritanopia
B4383B

Trichromacy



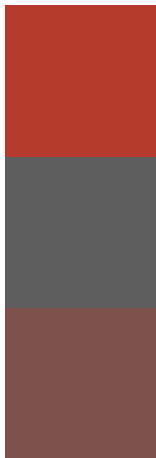
Original Color
B33A2D

Protanomaly
885536

Deuteranomaly
915228

Tritanomaly
B43936

Monochromacy



Original Color
B33A2D

Achromatopsia
5D5D5D

Achromatomaly
7C504C

CSS Examples

Text

The CSS property to change the color of the text to Hex B33A2D 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 #B33A2D looks like.

```
.text, #text, p{  
    color:#B33A2D  
}
```

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 #B33A2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B33A2D
}
```

Border

The CSS property to change the border of an element to Hex B33A2D 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".

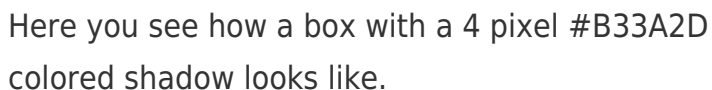
```
.border, #border, table{ border:4px solid
#B33A2D }
```

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

```
.border{ border-color:#B33A2D }
```

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

Here you see how a box with a 4 pixel #B33A2D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B33A2D; -webkit-box-shadow:4px 4px  
4px 4px #B33A2D; box-shadow:4px 4px 4px  
4px #B33A2D }
```

Background

The CSS property to change the background color of an element to Hex B33A2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B33A2D }
```

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

```
.background{ background-color:#B33A2D }
```

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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