

Converting Colors

Hex(B33D00)

Have a look what the booklet for
Hex(B33D00) contains.

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Color

Hex(B33D00)

Conversions

Conversions Part 1

Format	Color
Hex	B33D00
RGB	179, 61, 0
RGB Percent	70%, 24%, 0%
CMY	0.2980, 0.7608, 1.0000
CMYK	0.00, 0.66, 1.00, 0.30
HSL	20°, 100%, 35%
HSV	20°, 100%, 70%
XYZ	20.2591, 12.9212, 1.4263
YIQ	89.3280, 89.9090, 6.0450

Conversions

Conversions Part 2

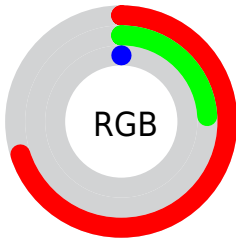
Format	Color
RYB	179, 93, 0
Decimal	11746560
CIELab	42.64, 45.90, 53.96
CIELCh	43, 70.843, 49.619
Yxy	12.9212, 0.5854, 0.3734
Android (android.graphics.Color)	4289936640 (0xFFB33D00)
YUV	89.3280, -44.0387, 78.6423
Hunter-Lab	35.9461, 37.6967, 22.8097

Details

The Hex color **B33D00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0076B3**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **F27237**, and **750000** is the 20% darker color. If you saturate the color by 10%, you get **B33D00**, and if you desaturate by 10%, it is **B34912**.

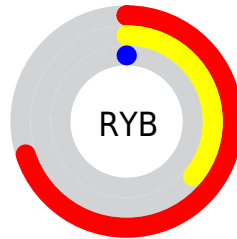
Distribution



Red (70%)

Green (24%)

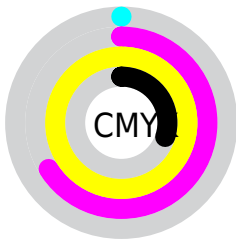
Blue (0%)



Red (70%)

Yellow (36%)

Blue (0%)

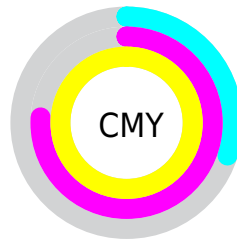


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (30%)



Cyan (30%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B33D00 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 B33D00 by changing the saturation by 10% instead.

 B33D00

 B33D00

 FFFFF3

 942100

 F27237

 750000

 FF8D50

 580000

 FFA86A

 3C0001

 FFC484

 1B0001

 FFE19F

 000000

 FFFEBA

 FFFFD7

 B33D00

 B34912

 B35524

 B36036

 B36C48

 B3785A

 B3846B

 B3907D

 B39B8F

 B3A7A1

Harmonies

Analogous

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



C70F42



B33D00



8C5B00

Triad

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



B33D00



007C4E



065FD5

Complementary

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



B33D00



0076B3

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.



0072D9



B33D00



007D8B

Square

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



B33D00



007704



007BBE



943EB2

Rectangle

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



B33D00



6A6800



007BBE



0066DA

Sweetspot

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



B33D00



E8BAA2



B30077



75594B



F5F5F5



757575

Same Dimension

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



B33D00



E84F00



B39500



595350



993400



1A0900

Inverse Universe

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



0076B3



0099E8



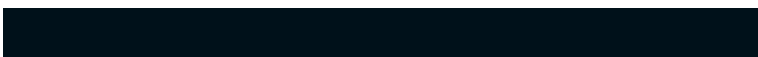
001EB3



505659



006599



00111A

Previews

White Background



This preview shows how the Hex color B33D00 looks on a white background.

Color Contrast Check

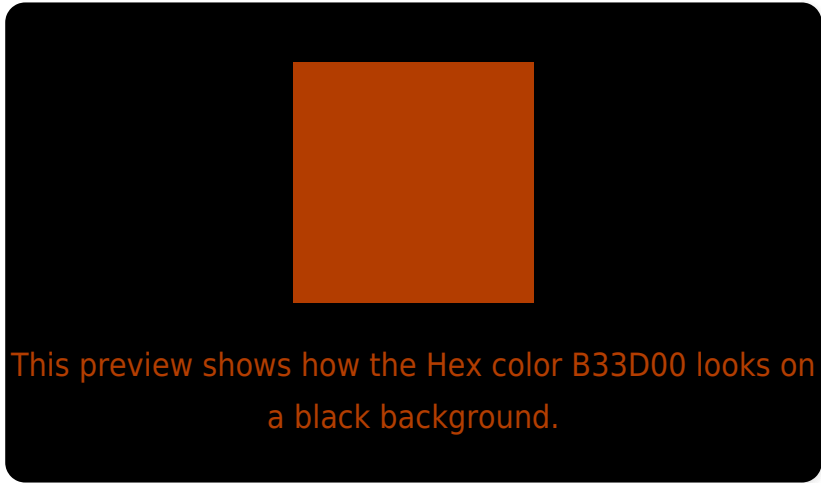
Large Text (above 18pt) WCAG AA ✓ Pass

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 B33D00 Background



This preview shows how black text looks on a background with the Hex color B33D00.



This preview shows how white text looks on a background with the Hex color B33D00.

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

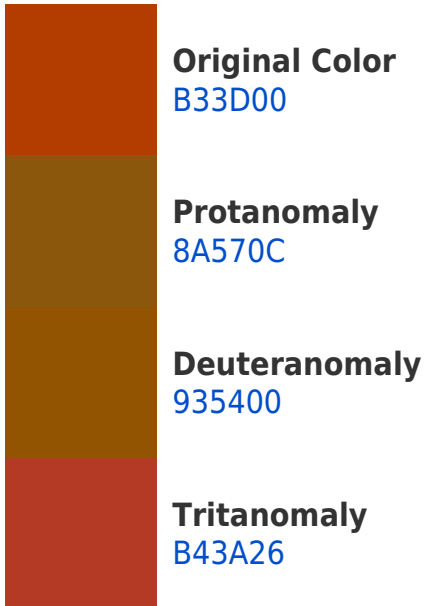


Original Color
B33D00

Protanopia
726613

Deuteranopia
806100

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B33D00 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 #B33D00 looks like.

```
.text, #text, p{  
    color:#B33D00  
}
```

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 #B33D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B33D00
}
```

Border

The CSS property to change the border of an element to Hex B33D00 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
#B33D00 }
```

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

```
.border{ border-color:#B33D00 }
```

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

Here you see how a box with a 4 pixel #B33D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B33D00; -webkit-box-shadow:4px 4px  
4px 4px #B33D00; box-shadow:4px 4px 4px  
4px #B33D00 }
```

Background

The CSS property to change the background color of an element to Hex B33D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B33D00 }
```

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

```
.background{ background-color:#B33D00 }
```

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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