

Converting Colors

Hex(B33D0D)

Have a look what the booklet for
Hex(B33D0D) contains.

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Color

Hex(B33D0D)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | B33D0D |
| RGB | 179, 61, 13 |
| RGB Percent | 70%, 24%, 5% |
| CMY | 0.2980, 0.7608, 0.9490 |
| CMYK | 0.00, 0.66, 0.93, 0.30 |
| HSL | 17°, 86%, 38% |
| HSV | 17°, 93%, 70% |
| XYZ | 20.3318, 12.9503, 1.8088 |
| YIQ | 90.8100, 85.7360, 10.0880 |

Conversions

Conversions Part 2

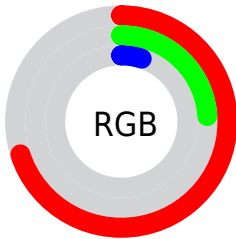
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 179, 81, 13 |
| Decimal | 11746573 |
| CIELab | 42.69, 46.06, 50.15 |
| CIELCh | 43, 68.099, 47.434 |
| Yxy | 12.9503, 0.5794, 0.3690 |
| Android (android.graphics.Color) | 4289936653 (0xFFB33D0D) |
| YUV | 90.8100, -38.3603, 77.3426 |
| Hunter-Lab | 35.9865, 37.8735, 22.2104 |

Details

The Hex color **B33D0D** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0D83B3**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **F27240**, and **760000** is the 20% darker color. If you saturate the color by 10%, you get **B33400**, and if you desaturate by 10%, it is **B34A1F**.

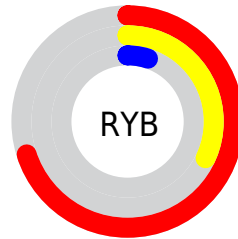
Distribution



Red (70%)

Green (24%)

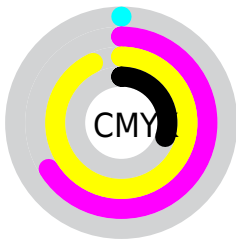
Blue (5%)



Red (70%)

Yellow (32%)

Blue (5%)

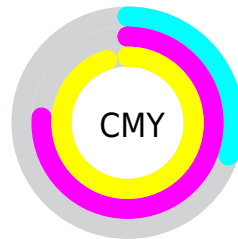


Cyan (0%)

Magenta (66%)

Yellow (93%)

Black (30%)



Cyan (30%)

Magenta (76%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color B33D0D 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 B33D0D by changing the saturation by 10% instead.

 B33D0D

 B33D0D

 FFFFFB

 942100

 F27240

 760000

 FF8D58

 580000

 FFA872

 3C0001

 FFC48C

 1C0001

 FFE1A7

 000000

 FFFEC2

 FFFFDF

 B33D0D

 B33D0D

 B33400

 B34A1F

 B35631

 B36343

 B37055

 B37D67

 B38978

 B3968A

 B3A39C

 B3B0AE

Harmonies

Analogous

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



C51847



B33D0D



8E5A00

Triad

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



B33D0D



007B4A



0061D2

Complementary

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



B33D0D



0D83B3

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.



0073D4



B33D0D



007D85

Square

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



B33D0D



007604



007BB7



8E43B2

Rectangle

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



B33D0D



6F6700



007BB7



0068D6

Sweetspot

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



B33D0D



E8BAA7



B30D84



75594D



F5F5F5



757575

Same Dimension

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



B33D0D



E84300



B38F0D



595350



992C00



1A0700

Inverse Universe

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



0D83B3



00A5E8



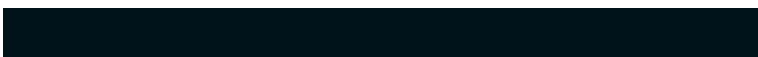
0D31B3



505759



006D99



00121A

Previews

White Background



This preview shows how the Hex color B33D0D looks on a white background.

Color Contrast Check

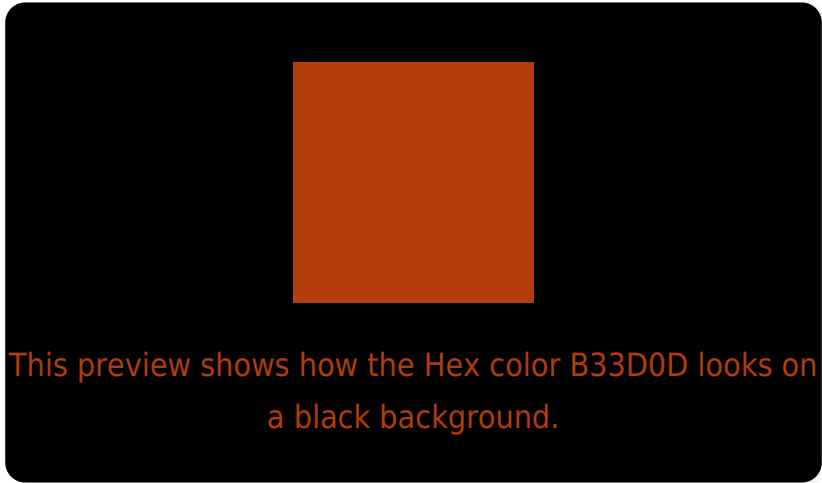
Large Text (above 18pt) WCAG AA ✓ Pass

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 B33D0D Background



This preview shows how black text looks on a background with the Hex color B33D0D.



This preview shows how white text looks on a background with the Hex color B33D0D.

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

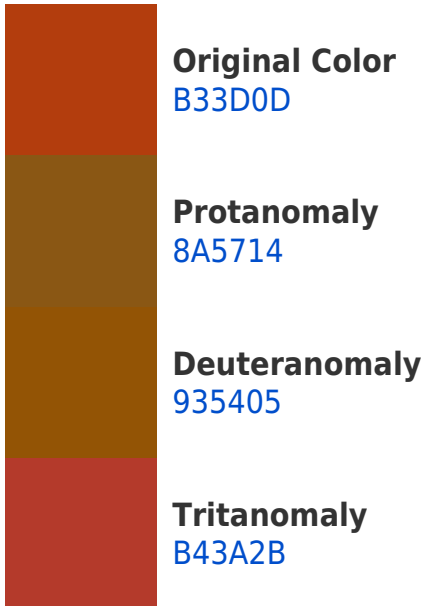


Original Color
B33D0D

Protanopia
726618

Deuteranopia
806100

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B33D0D 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 #B33D0D looks like.

```
.text, #text, p{  
    color:#B33D0D  
}
```

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 #B33D0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B33D0D
}
```

Border

The CSS property to change the border of an element to Hex B33D0D is called "border". The border property can be set on classes, ids or directly on the HTML element.

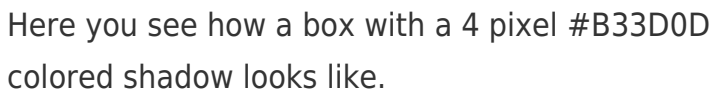
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B33D0D }
```

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

```
.border{ border-color:#B33D0D }
```

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



Here you see how a box with a 4 pixel `#B33D0D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B33D0D; -webkit-box-shadow:4px 4px  
4px 4px #B33D0D; box-shadow:4px 4px 4px  
4px #B33D0D }
```

Background

The CSS property to change the background color of an element to Hex B33D0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B33D0D }
```

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

```
.background{ background-color:#B33D0D }
```

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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