

Converting Colors

Hex(B33E1D)

Have a look what the booklet for
Hex(B33E1D) contains.

Hex(B33E1D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(**B33E1D**)

Conversions

Conversions Part 1

Format	Color
Hex	B33E1D
RGB	179, 62, 29
RGB Percent	70%, 24%, 11%
CMY	0.2980, 0.7569, 0.8863
CMYK	0.00, 0.65, 0.84, 0.30
HSL	13°, 72%, 41%
HSV	13°, 84%, 70%
XYZ	20.5348, 13.1177, 2.6121
YIQ	93.2210, 80.3250, 14.5410

Conversions

Conversions Part 2

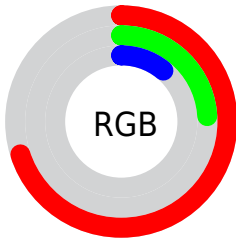
Format	Color
RYB	179, 71, 29
Decimal	11746845
CIELab	42.94, 45.97, 43.94
CIElCh	43, 63.592, 43.705
Yxy	13.1177, 0.5663, 0.3617
Android (android.graphics.Color)	4289936925 (0xFFB33E1D)
YUV	93.2210, -31.6610, 75.2282
Hunter-Lab	36.2183, 37.8226, 21.0768

Details

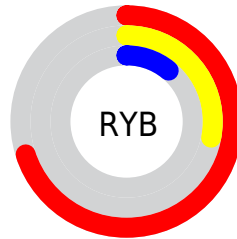
The Hex color **B33E1D** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1D92B3**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **F1734C**, and **760000** is the 20% darker color. If you saturate the color by 10%, you get **B3300B**, and if you desaturate by 10%, it is **B34C2F**.

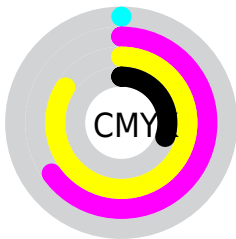
Distribution



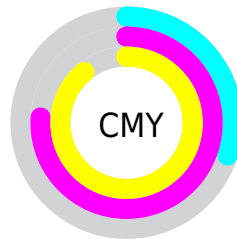
- Red (70%)
- Green (24%)
- Blue (11%)



- Red (70%)
- Yellow (28%)
- Blue (11%)



- Cyan (0%)
- Magenta (65%)
- Yellow (84%)
- Black (30%)



- Cyan (30%)
- Magenta (76%)
- Yellow (89%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B33E1D 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 B33E1D by changing the saturation by 10% instead.

 B33E1D

 B33E1D

FFFFFF

 942204

 F1734C

 760000

 FF8E65

 580000

 FFA97E

 3D0001

 FFC599

 1D0001

 FFE2B4

 000000

 FFFFD0

 FFFFEC

 B33E1D

 B33E1D

 B3300B

 B34C2F

 B32700

 B35A41

 B36853

 B37665

 B38477

 B39288

 B3A09A

 B3AEAC

 B3BCBE

Harmonies

Analogous

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



C12450



B33E1D



925800

Triad

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



B33E1D



007B46



0064CD

Complementary

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



B33E1D



1D92B3

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.



0074CB



B33E1D



007C7D

Square

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



B33E1D



217506



007BAE



844AB2

Rectangle

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



B33E1D



756500



007BAE



006AD0

Sweetspot

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



B33E1D



E8BBAE



B31D93



755A52



F5F5F5



757575

Same Dimension

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



B33E1D



E83300



B3891D



595250



992200



1A0600

Inverse Universe

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



1D92B3



00B5E8



1D48B3



505759



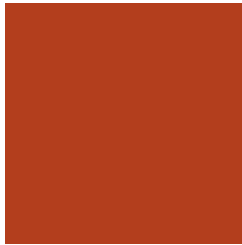
007799



00141A

Previews

White Background



This preview shows how the Hex color B33E1D looks on a white background.

Color Contrast Check

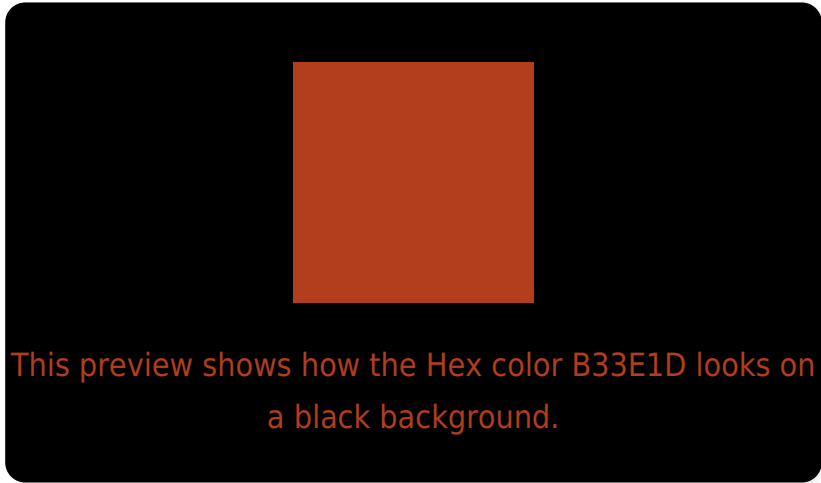
Large Text (above 18pt) WCAG AA ✓ Pass

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 B33E1D Background



This preview shows how black text looks on a background with the Hex color B33E1D.



This preview shows how white text looks on a background with the Hex color B33E1D.

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
B33E1D

Protanopia
726627

Deuteranopia
81610E

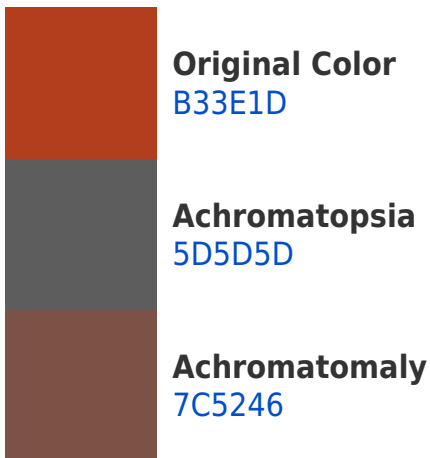


Tritanopia
B43A3E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B33E1D 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 #B33E1D looks like.

```
.text, #text, p{  
    color:#B33E1D  
}
```

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 #B33E1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B33E1D
}
```

Border

The CSS property to change the border of an element to Hex B33E1D is called "border". The border property can be set on classes, ids or directly on the HTML element.

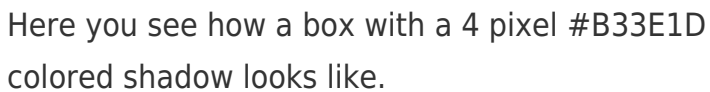
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B33E1D }
```

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

```
.border{ border-color:#B33E1D }
```

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



Here you see how a box with a 4 pixel `#B33E1D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B33E1D; -webkit-box-shadow:4px 4px  
4px 4px #B33E1D; box-shadow:4px 4px 4px  
4px #B33E1D }
```

Background

The CSS property to change the background color of an element to Hex B33E1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B33E1D }
```

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

```
.background{ background-color:#B33E1D }
```

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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