

Converting Colors

Hex(B33032)

Have a look what the booklet for
Hex(B33032) contains.

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Color

Hex(B33032)

Conversions

Conversions Part 1

Format	Color
Hex	B33032
RGB	179, 48, 50
RGB Percent	70%, 19%, 20%
CMY	0.2980, 0.8118, 0.8039
CMYK	0.00, 0.73, 0.72, 0.30
HSL	359°, 58%, 45%
HSV	359°, 73%, 70%
XYZ	20.2231, 11.9279, 4.2541
YIQ	87.3970, 77.4340, 28.3940

Conversions

Conversions Part 2

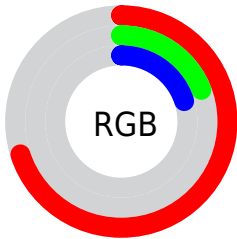
Format	Color
R _Y B	179, 48, 50
Decimal	11743282
CIE Lab	41.10, 52.37, 30.59
CIE LCh	41, 60.648, 30.286
Yxy	11.9279, 0.5555, 0.3276
Android (android.graphics.Color)	4289933362 (0xFFB33032)
YUV	87.3970, -18.4367, 80.3358
Hunter-Lab	34.5368, 44.0816, 16.8727

Details

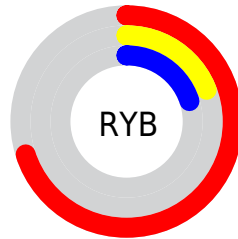
The Hex color **B33032** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **30B3B1**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **F16861**, and **770005** is the 20% darker color. If you saturate the color by 10%, you get **B31E20**, and if you desaturate by 10%, it is **B34244**.

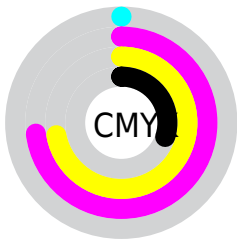
Distribution



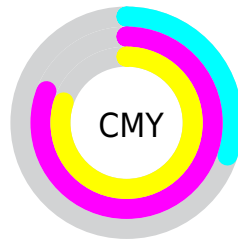
- Red (70%)
- Green (19%)
- Blue (20%)



- Red (70%)
- Yellow (19%)
- Blue (20%)



- Cyan (0%)
- Magenta (73%)
- Yellow (72%)
- Black (30%)



- Cyan (30%)
- Magenta (81%)
- Yellow (80%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B33032 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 B33032 by changing the saturation by 10% instead.

 B33032

 B33032

FFFFFF

 950C1D

 F16861

 770005

 FF8379

 590000

 FF9F93

 3E0002

 FFBBAE

 1B0001

 FFD8C9

 000000

 FFF5E6

 B33032

 B33032

 B31E20

 B34244

 B30C0F

 B35455

 B30003

 B36667

 B37879

 B38A8A

 B39B9C

 B3ADAD

 B3BFBF

 B3D1D1

Harmonies

Analogous

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



B52263



B33032



9B4A00

Triad

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



B33032



00732C



0067C5

Complementary

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



B33032



30B3B1

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.



0072B8



B33032



007660

Square

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



B33032



436C00



007692



5C53B8

Rectangle

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



B33032



835900



007692



006CC4

Sweetspot

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



B33032



E8B5B6



B130B3



755757



F5F5F5



757575

Same Dimension

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



B33032



E81C1F



B36F30



595050



990002



1A0000

Inverse Universe

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



B33032



E81C1F



3074B3



595050



990002



1A0000

Previews

White Background



This preview shows how the Hex color B33032 looks on a white background.

Color Contrast Check

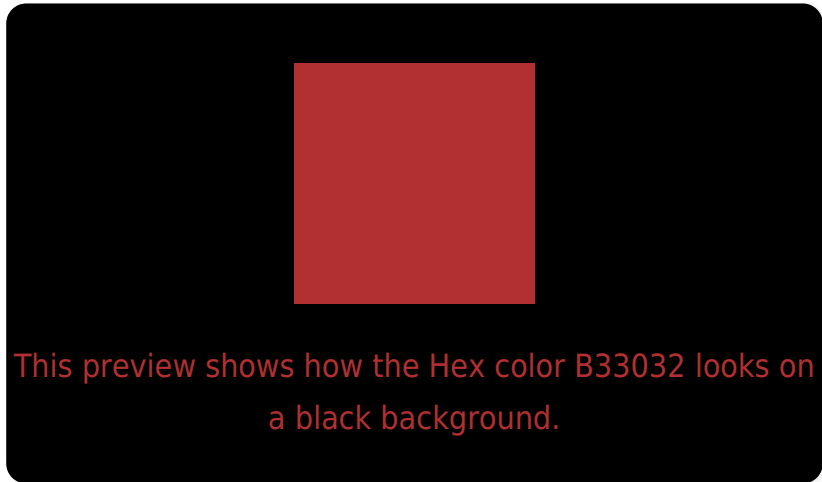
Large Text (above 18pt) WCAG AA ✓ Pass

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 B33032 Background



This preview shows how black text looks on a background with the Hex color B33032.

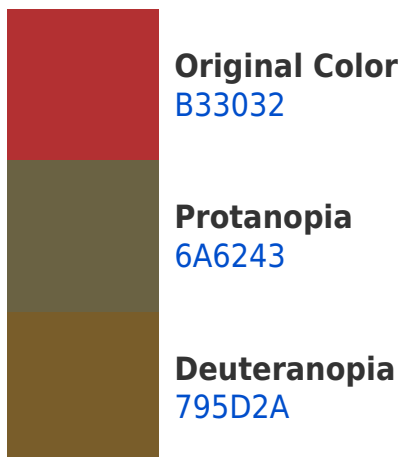


This preview shows how white text looks on a background with the Hex color B33032.

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



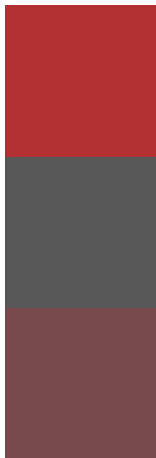
Original Color
B33032

Protanomaly
85503D

Deuteranomaly
8E4D2D

Tritanomaly
B33032

Monochromacy



Original Color
B33032

Achromatopsia
575757

Achromatomaly
78494A

CSS Examples

Text

The CSS property to change the color of the text to Hex B33032 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 #B33032 looks like.

```
.text, #text, p{  
    color:#B33032  
}
```

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 #B33032 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B33032
}
```

Border

The CSS property to change the border of an element to Hex B33032 is called "border". The border property can be set on classes, ids or directly on the HTML element.

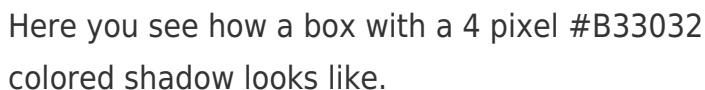
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B33032 }
```

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

```
.border{ border-color:#B33032 }
```

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



Here you see how a box with a 4 pixel #B33032 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B33032; -webkit-box-shadow:4px 4px  
4px 4px #B33032; box-shadow:4px 4px 4px  
4px #B33032 }
```

Background

The CSS property to change the background color of an element to Hex B33032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B33032 }
```

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

```
.background{ background-color:#B33032 }
```

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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