

Converting Colors

Hex(B33029)

Have a look what the booklet for
Hex(B33029) contains.

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Color

Hex(B33029)

Conversions

Conversions Part 1

Format	Color
Hex	B33029
RGB	179, 48, 41
RGB Percent	70%, 19%, 16%
CMY	0.2980, 0.8118, 0.8392
CMYK	0.00, 0.73, 0.77, 0.30
HSL	3°, 63%, 43%
HSV	3°, 77%, 70%
XYZ	20.0476, 11.8577, 3.3300
YIQ	86.3710, 80.3230, 25.5950

Conversions

Conversions Part 2

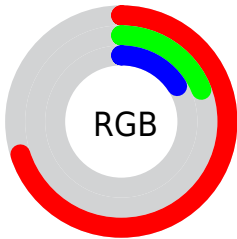
Format	Color
R_{YB}	179, 48, 41
Decimal	11743273
CIE Lab	40.99, 51.99, 35.71
CIE LCh	41, 63.073, 34.486
Yxy	11.8577, 0.5690, 0.3365
Android (android.graphics.Color)	4289933353 (0xFFB33029)
YUV	86.3710, -22.3679, 81.2356
Hunter-Lab	34.4350, 43.6590, 18.3710

Details

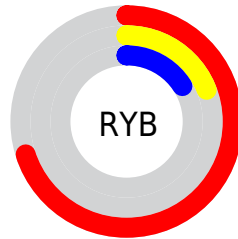
The Hex color **B33029** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **29ACB3**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **F16757**, and **770000** is the 20% darker color. If you saturate the color by 10%, you get **B31F17**, and if you desaturate by 10%, it is **B3413B**.

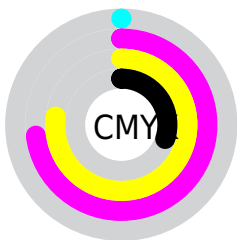
Distribution



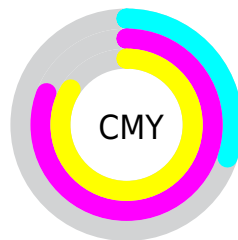
- Red (70%)
- Green (19%)
- Blue (16%)



- Red (70%)
- Yellow (19%)
- Blue (16%)



- Cyan (0%)
- Magenta (73%)
- Yellow (77%)
- Black (30%)



- Cyan (30%)
- Magenta (81%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color B33029 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 B33029 by changing the saturation by 10% instead.

 B33029

 B33029

FFFFFF

 940C14

 F16757

 770000

 FF8370

 580000

 FF9E89

 3D0002

 FFBB A4

 1A0001

 FFD7BF

 000000

 FFF5DB

 FFFFF8

 B33029

 B33029

 B31F17

 B3413B

 B30E05

 B3524D

 B30900

 B3635F

 B37471

 B38583

 B39694

 B3A7A6

 B3B8B8

 B3C9CA

Harmonies

Analogous

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



B91B5B



B33029



984D00

Triad

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



B33029



007431



0065C9

Complementary

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



B33029



29ACB3

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.



0072BE



B33029



007767

Square

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



B33029



386E00



00769A



674FB7

Rectangle

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



B33029



7E5B00



00769A



006AC9

Sweetspot

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



B33029



E8B5B3



B329AC



755654



F5F5F5



757575

Same Dimension

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



B33029



E81B10



B37529



595150



990800



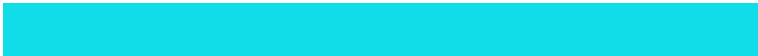
1A0100

Inverse Universe

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



29ACB3



10DDE8



2967B3



505959



009199



00181A

Previews

White Background



This preview shows how the Hex color B33029 looks on a white background.

Color Contrast Check

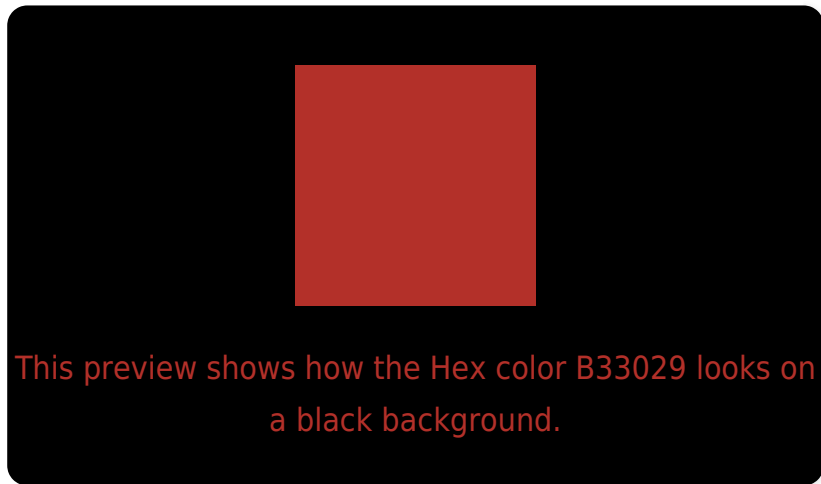
Large Text (above 18pt) WCAG AA ✓ Pass

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 B33029 Background



This preview shows how black text looks on a background with the Hex color B33029.



This preview shows how white text looks on a background with the Hex color B33029.

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
B32F31

Trichromacy



Original Color
B33029

Protanomaly
855033

Deuteranomaly
8F4D23

Tritanomaly
B32F2E

Monochromacy



Original Color
B33029

Achromatopsia
565656

Achromatomaly
784846

CSS Examples

Text

The CSS property to change the color of the text to Hex B33029 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 #B33029 looks like.

```
.text, #text, p{  
    color:#B33029  
}
```

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 #B33029 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B33029
}
```

Border

The CSS property to change the border of an element to Hex B33029 is called "border". The border property can be set on classes, ids or directly on the HTML element.

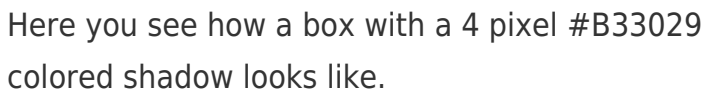
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B33029 }
```

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

```
.border{ border-color:#B33029 }
```

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



Here you see how a box with a 4 pixel #B33029 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B33029; -webkit-box-shadow:4px 4px  
4px 4px #B33029; box-shadow:4px 4px 4px  
4px #B33029 }
```

Background

The CSS property to change the background color of an element to Hex B33029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B33029 }
```

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

```
.background{ background-color:#B33029 }
```

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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