

# Converting Colors

Hex(B60033)

Have a look what the booklet for  
Hex(B60033) contains.

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**Color**

**Hex(B60033)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B60033
RGB	182, 0, 51
RGB Percent	71%, 0%, 20%
CMY	0.2863, 1.0000, 0.8000
CMYK	0.00, 1.00, 0.72, 0.29
HSL	343°, 100%, 36%
HSV	343°, 100%, 71%
XYZ	19.8889, 10.1841, 4.0494
YIQ	60.2320, 92.1010, 54.4450

# Conversions

## Conversions Part 2

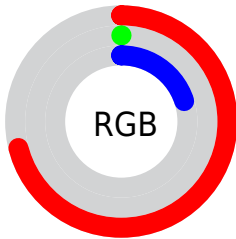
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	182, 0, 51
Decimal	11927603
CIE Lab	38.17, 63.35, 26.64
CIE LCh	38, 68.722, 22.808
Yxy	10.1841, 0.5829, 0.2985
Android (android.graphics.Color)	4290117683 (0xFFB60033)
YUV	60.2320, -4.5514, 106.7905
Hunter-Lab	31.9125, 55.4001, 14.8154

# Details

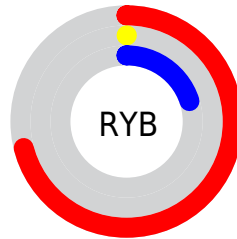
The Hex color **B60033** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **00B683**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **F55161**, and **780007** is the 20% darker color. If you saturate the color by 10%, you get **B60033**, and if you desaturate by 10%, it is **B61240**.

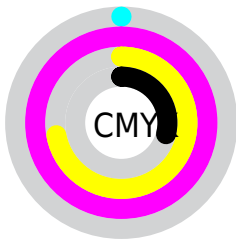
# Distribution



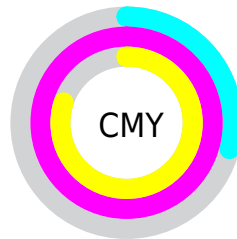
- Red (71%)
- Green (0%)
- Blue (20%)



- Red (71%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (72%)
- Black (29%)



- Cyan (29%)
- Magenta (100%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B60033 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 B60033 by changing the saturation by 10% instead.



 B60033

 B60033

FFFFFF

 97001E

 F55161

 780007

 FF6E7A

 5A0000

 FF8B94

 3E0003

 FFA7AE

 190001

 FFC4CA

 000000

 FFE2E6

 B60033

 B61240

 B6244D

 B6375A

 B64967

 B65B75

 B66D82

 B67F8F

 B6929C

 B6A4A9

# Harmonies

## Analogous

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



B2006A



B60033



A03700

# Triad

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



B60033



006C06



0065CA

# Complementary

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



B60033



00B683

# 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.



006EB3



B60033



00704A

# Square

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



B60033



466300



007184



2251C2

# Rectangle

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



B60033



884B00



007184



0069C6



# Sweetspot

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



B60033



EDA6BA



8200B6



784D59



F7F7F7



787878



# Same Dimension

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



B60033



ED0042



B62700



5C5355



9C002C



1C0008



# Inverse Universe

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



B60033



ED0042



008FB6



5C5355



9C002C



1C0008



# Previews

## White Background



This preview shows how the Hex color B60033 looks on a white background.

## Color Contrast Check

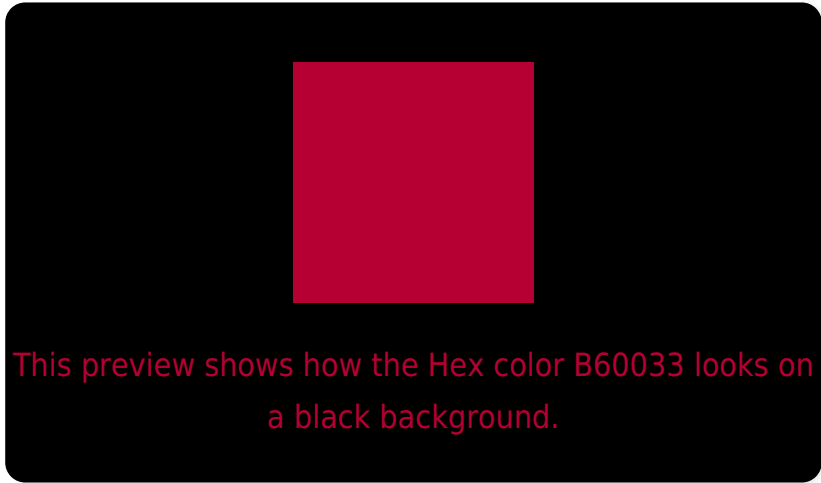
Large Text (above 18pt) WCAG AA ✓ Pass

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 B60033 Background



This preview shows how black text looks on a background with the Hex color B60033.



This preview shows how white text looks on a background with the Hex color B60033.

# 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**  
B60033

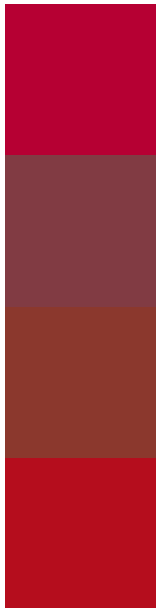
**Protanopia**  
625C4C

**Deuteranopia**  
73582A



**Tritanopia**  
B51510

# Trichromacy



**Original Color**  
B60033

**Protanomaly**  
813B43

**Deuteranomaly**  
8B382D

**Tritanomaly**  
B50D1D

# Monochromacy



**Original Color**  
B60033

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
682639

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B60033 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 #B60033 looks like.

```
.text, #text, p{  
    color:#B60033  
}
```

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 #B60033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B60033  
}
```

## Border

The CSS property to change the border of an element to Hex B60033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

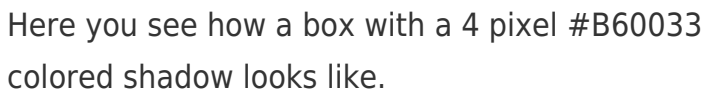
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B60033 }
```

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

```
.border{ border-color:#B60033 }
```

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



Here you see how a box with a 4 pixel #B60033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B60033; -webkit-box-shadow:4px 4px  
4px 4px #B60033; box-shadow:4px 4px 4px  
4px #B60033 }
```

# Background

The CSS property to change the background color of an element to Hex B60033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B60033 }
```

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

```
.background{ background-color:#B60033 }
```

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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