

# Converting Colors

Hex(B60039)

Have a look what the booklet for  
Hex(B60039) contains.

<b>Hex(B60039)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B60039)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B60039
RGB	182, 0, 57
RGB Percent	71%, 0%, 22%
CMY	0.2863, 1.0000, 0.7765
CMYK	0.00, 1.00, 0.69, 0.29
HSL	341°, 100%, 36%
HSV	341°, 100%, 71%
XYZ	20.0299, 10.2405, 4.7918
YIQ	60.9160, 90.1750, 56.3110

# Conversions

## Conversions Part 2

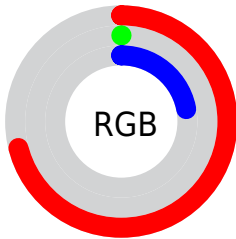
Format	Color
<a href="#">RYB</a>	<a href="#">182, 0, 57</a>
Decimal	<a href="#">11927609</a>
CIELab	<a href="#">38.27, 63.62, 22.96</a>
CIElCh	<a href="#">38, 67.634, 19.843</a>
Yxy	<a href="#">10.2405, 0.5713, 0.2921</a>
Android (android.graphics.Color)	<a href="#">4290117689</a> ( <a href="#">0xFFB60039</a> )
YUV	<a href="#">60.9160, -1.9306, 106.1907</a>
Hunter-Lab	<a href="#">32.0008, 55.7254, 13.5224</a>

# Details

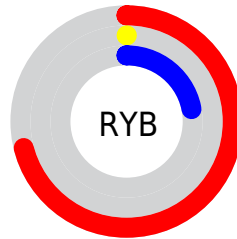
The Hex color **B60039** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00B67D**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **F55168**, and **790010** is the 20% darker color. If you saturate the color by 10%, you get **B60039**, and if you desaturate by 10%, it is **B61246**.

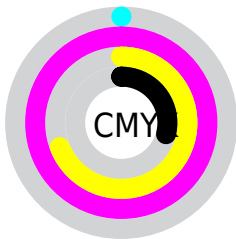
# Distribution



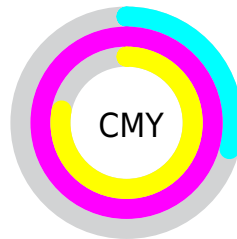
- Red (71%)
- Green (0%)
- Blue (22%)



- Red (71%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (69%)
- Black (29%)



- Cyan (29%)
- Magenta (100%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B60039 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 B60039 by changing the saturation by 10% instead.



 B60039

 B60039

FFFFFF

 970024

 F55168

 790010

 FF6E81

 5A0000

 FF8B9B

 3E0003

 FFA8B5

 1A0001

 FFC5D1

 000000

 FFE2ED

 B60039

 B61246

 B62452

 B6375F

 B6496B

 B65B78

 B66D84

 B67F91

 B6929D

 B6A4AA

# Harmonies

## Analogous

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



B0006F



B60039



A33500

# Triad

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



B60039



006B00



0067C8

# Complementary

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



B60039



00B67D

# 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.



006FAE



B60039



007045

# Square

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



B60039



4C6200



00717E



0054C3

# Rectangle

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



B60039



8C4900



00717E



006AC2



# Sweetspot

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



B60039



EDA6BC



7C00B6



784D5A



F7F7F7



787878



# Same Dimension

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



B60039



ED004A



B62100



5C5355



9C0031



1C0009



# Inverse Universe

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



B60039



ED004A



0095B6



5C5355



9C0031



1C0009



# Previews

## White Background



This preview shows how the Hex color B60039 looks on a white background.

## Color Contrast Check

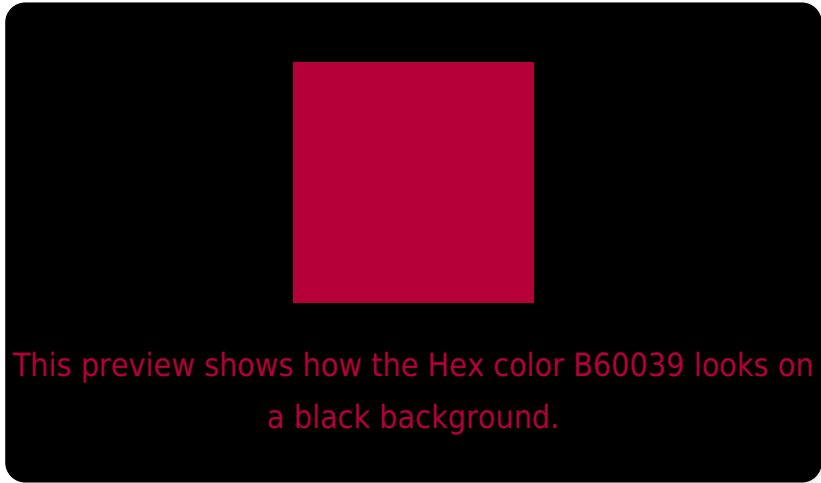
Large Text (above 18pt) WCAG AA ✓ Pass

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 B60039 Background



This preview shows how black text looks on a background with the Hex color B60039.

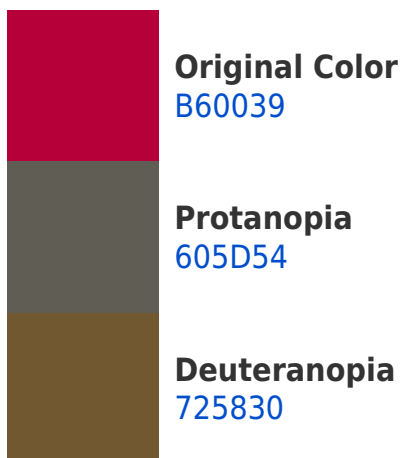


This preview shows how white text looks on a background with the Hex color B60039.

# 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](#).

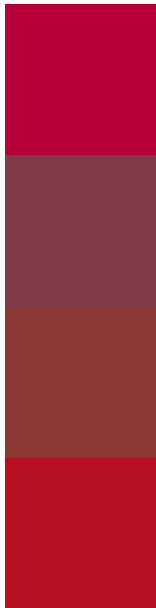
## Dichromacy





**Tritanopia**  
B51713

# Trichromacy



**Original Color**  
B60039

**Protanomaly**  
7F3B4A

**Deuteranomaly**  
8B3833

**Tritanomaly**  
B50F21

# Monochromacy



**Original Color**  
B60039

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
69273C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B60039 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 #B60039 looks like.

```
.text, #text, p{  
    color:#B60039  
}
```

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 #B60039 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B60039
}
```

## Border

The CSS property to change the border of an element to Hex B60039 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".

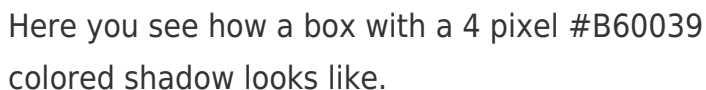
```
.border, #border, table{ border:4px solid
#B60039 }
```

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

```
.border{ border-color:#B60039 }
```

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

Here you see how a box with a 4 pixel #B60039 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B60039; -webkit-box-shadow:4px 4px  
4px 4px #B60039; box-shadow:4px 4px 4px  
4px #B60039 }
```

# Background

The CSS property to change the background color of an element to Hex B60039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B60039 }
```

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

```
.background{ background-color:#B60039 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

**@ConvertingColor**