

# Converting Colors

Hex(B60027)

Have a look what the booklet for  
Hex(B60027) contains.

<b>Hex(B60027)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(B60027)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B60027
RGB	182, 0, 39
RGB Percent	71%, 0%, 15%
CMY	0.2863, 1.0000, 0.8471
CMYK	0.00, 1.00, 0.79, 0.29
HSL	347°, 100%, 36%
HSV	347°, 100%, 71%
XYZ	19.6576, 10.0916, 2.8313
YIQ	58.8640, 95.9530, 50.7130

# Conversions

## Conversions Part 2

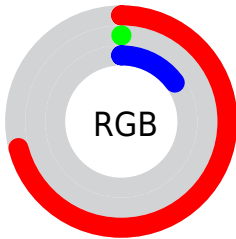
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 0, 39
Decimal	11927591
CIE <sub>Lab</sub>	38.01, 62.90, 33.86
CIE <sub>LCh</sub>	38, 71.438, 28.295
Yxy	10.0916, 0.6034, 0.3097
Android (android.graphics.Color)	4290117671 (0xFFB60027)
YUV	58.8640, -9.7930, 107.9903
Hunter-Lab	31.7672, 54.8634, 16.9528

# Details

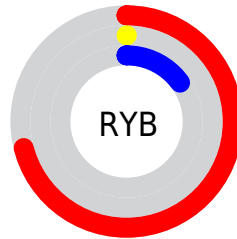
The Hex color **B60027** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **00B68F**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **F65154**, and **780000** is the 20% darker color. If you saturate the color by 10%, you get **B60027**, and if you desaturate by 10%, it is **B61235**.

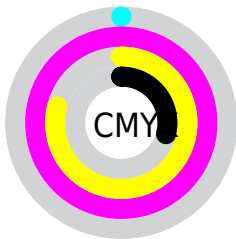
# Distribution



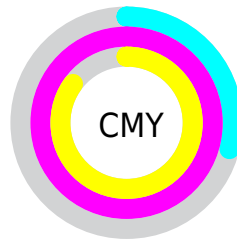
- Red (71%)
- Green (0%)
- Blue (15%)



- Red (71%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (79%)
- Black (29%)



- Cyan (29%)
- Magenta (100%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B60027 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 B60027 by changing the saturation by 10% instead.



 B60027

 B60027

FFFFFF

 970013

 F65154

 780000

 FF6E6D

 590000

 FF8A86

 3D0003

 FFA7A0

 180001

 FFC4BB

 000000

 FFE1D7

 FFFFF3

 B60027

 B61235

 B62444

 B63752

 B64960

 B65B6F

 B66D7D

 B67F8B

 B69299

 B6A4A8

# Harmonies

## Analogous

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



B8005F



B60027



9B3B00

# Triad

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



B60027



006D12



0063CF

# Complementary

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



B60027



00B68F

# 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.



006EBD



B60027



007054

# Square

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



B60027



376500



00718F



424BC1

# Rectangle

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



B60027



804F00



00718F



0068CD



# Sweetspot

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



B60027



EDA6B5



8F00B6



784D56



F7F7F7



787878



# Same Dimension

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



B60027



ED0033



B63400



5C5355



9C0021



1C0006



# Inverse Universe

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



B60027



ED0033



0082B6



5C5355



9C0021



1C0006



# Previews

## White Background



This preview shows how the Hex color B60027 looks on a white background.

## Color Contrast Check

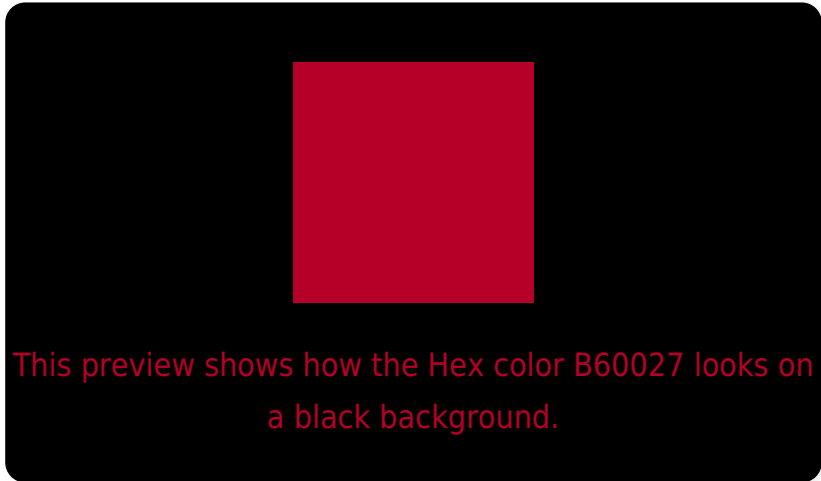
Large Text (above 18pt) WCAG AA ✓ Pass

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 B60027 Background



This preview shows how black text looks on a background with the Hex color B60027.



This preview shows how white text looks on a background with the Hex color B60027.

# 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**  
B60027

**Protanopia**  
645C3C

**Deuteranopia**  
74581B



# Trichromacy



**Original Color**  
B60027

**Protanomaly**  
823B34

**Deuteranomaly**  
8C381F

**Tritanomaly**  
B60A11

# Monochromacy



**Original Color**  
B60027

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
682634

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B60027 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 #B60027 looks like.

```
.text, #text, p{  
    color:#B60027  
}
```

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 #B60027 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B60027
}
```

## Border

The CSS property to change the border of an element to Hex B60027 is called "border". The border property can be set on classes, ids or directly on the HTML element.

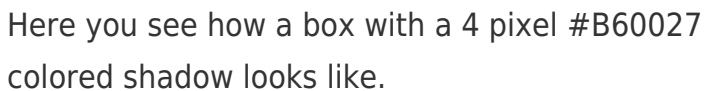
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B60027 }
```

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

```
.border{ border-color:#B60027 }
```

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



Here you see how a box with a 4 pixel #B60027 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B60027; -webkit-box-shadow:4px 4px  
4px 4px #B60027; box-shadow:4px 4px 4px  
4px #B60027 }
```

# Background

The CSS property to change the background color of an element to Hex B60027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B60027 }
```

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

```
.background{ background-color:#B60027 }
```

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