

# Converting Colors

Hex(B7063B)

Have a look what the booklet for  
Hex(B7063B) contains.

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**Color**

**Hex(B7063B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7063B
RGB	183, 6, 59
RGB Percent	72%, 2%, 23%
CMY	0.2824, 0.9765, 0.7686
CMYK	0.00, 0.97, 0.68, 0.28
HSL	342°, 94%, 37%
HSV	342°, 97%, 72%
XYZ	20.3830, 10.5133, 5.0926
YIQ	64.9650, 88.4790, 54.0070

# Conversions

## Conversions Part 2

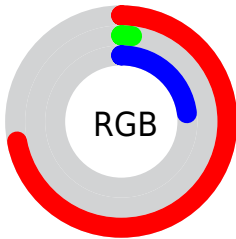
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 6, 59
Decimal	11994683
CIE <sub>Lab</sub>	38.75, 63.30, 22.33
CIE <sub>LCh</sub>	39, 67.122, 19.435
Yxy	10.5133, 0.5664, 0.2921
Android (android.graphics.Color)	4290184763 (0xFFB7063B)
YUV	64.9650, -2.9407, 103.5167
Hunter-Lab	32.4242, 55.4689, 13.3847

# Details

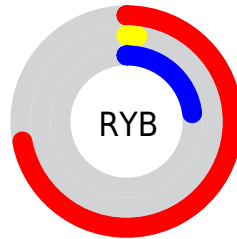
The Hex color **B7063B** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **06B782**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **F6536A**, and **7A0012** is the 20% darker color. If you saturate the color by 10%, you get **B70037**, and if you desaturate by 10%, it is **B71848**.

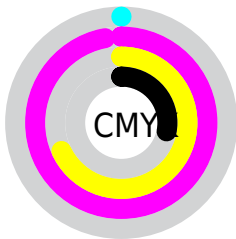
# Distribution



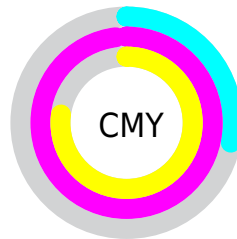
- Red (72%)
- Green (2%)
- Blue (23%)



- Red (72%)
- Yellow (2%)
- Blue (23%)



- Cyan (0%)
- Magenta (97%)
- Yellow (68%)
- Black (28%)



- Cyan (28%)
- Magenta (98%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7063B 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 B7063B by changing the saturation by 10% instead.



 B7063B

 B7063B

FFFFFF

 980026

 F6536A

 7A0012

 FF7083

 5C0000

 FF8D9D

 3F0003

 FFA9B8

 1C0001

 FFC6D3

 000000

 FFE4F0

 B7063B

 B7063B

 B70037

 B71848

 B72B55

 B73D61

 B74F6E

 B7627B

 B77488

 B78695

 B798A2

 B7ABAE

# Harmonies

## Analogous

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



B00471



B7063B



A43600

# Triad

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



B7063B



006C00



0068C8

# Complementary

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



B7063B



06B782

# 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.



0070AE



B7063B



007145

# Square

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



B7063B



4F6300



00727E



0056C4

# Rectangle

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



B7063B



8D4A00



00727E



006CC2



# Sweetspot

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



B7063B



EDA8BD



8206B7



784E5A



F7F7F7



787878



# Same Dimension

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



B7063B



ED0047



B72906



5C5355



9C002F



1C0008



# Inverse Universe

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



B7063B



ED0047



0694B7



5C5355



9C002F



1C0008



# Previews

## White Background



This preview shows how the Hex color B7063B looks on a white background.

## Color Contrast Check

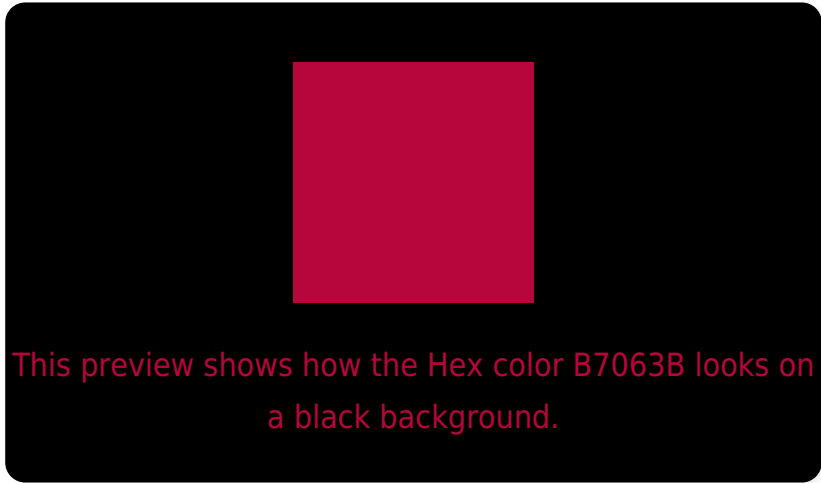
Large Text (above 18pt) WCAG AA ✓ Pass

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 B7063B Background



This preview shows how black text looks on a background with the Hex color B7063B.



This preview shows how white text looks on a background with the Hex color B7063B.

# 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**  
B7063B

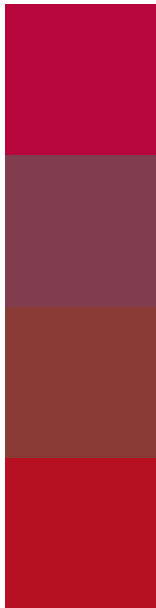
**Protanopia**  
615D57

**Deuteranopia**  
725933



**Tritanopia**  
B61815

# Trichromacy



**Original Color**  
B7063B

**Protanomaly**  
803D4D

**Deuteranomaly**  
8B3B36

**Tritanomaly**  
B61123

# Monochromacy



**Original Color**  
B7063B

**Achromatopsia**  
414141

**Achromatomaly**  
6C2C3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7063B 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 #B7063B looks like.

```
.text, #text, p{  
    color:#B7063B  
}
```

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 #B7063B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7063B
}
```

## Border

The CSS property to change the border of an element to Hex B7063B is called "border". The border property can be set on classes, ids or directly on the HTML element.

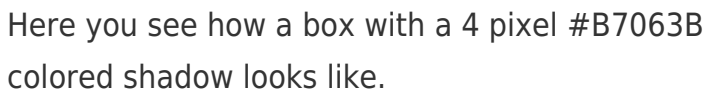
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B7063B }
```

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

```
.border{ border-color:#B7063B }
```

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



Here you see how a box with a 4 pixel #B7063B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7063B; -webkit-box-shadow:4px 4px  
4px 4px #B7063B; box-shadow:4px 4px 4px  
4px #B7063B }
```

# Background

The CSS property to change the background color of an element to Hex B7063B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7063B }
```

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

```
.background{ background-color:#B7063B }
```

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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