

# Converting Colors

Hex(B03745)

Have a look what the booklet for  
Hex(B03745) contains.

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# Color

Hex(B03745)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B03745
RGB	176, 55, 69
RGB Percent	69%, 22%, 27%
CMY	0.3098, 0.7843, 0.7294
CMYK	0.00, 0.69, 0.61, 0.31
HSL	353°, 52%, 45%
HSV	353°, 69%, 69%
XYZ	20.3449, 12.3922, 6.9499
YIQ	92.7750, 67.6220, 30.0060

# Conversions

## Conversions Part 2

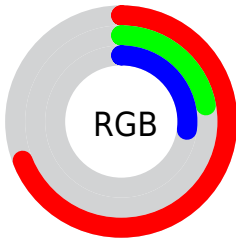
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 55, 69
Decimal	11548485
CIE <sub>Lab</sub>	41.83, 49.82, 19.78
CIE <sub>LCh</sub>	42, 53.600, 21.659
Yxy	12.3922, 0.5126, 0.3122
Android (android.graphics.Color)	4289738565 (0xFFB03745)
YUV	92.7750, -11.7211, 72.9883
Hunter-Lab	35.2025, 41.5576, 12.9364

# Details

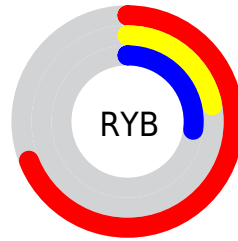
The Hex color **B03745** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **37B0A2**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **ED6D75**, and **75001A** is the 20% darker color. If you saturate the color by 10%, you get **B02535**, and if you desaturate by 10%, it is **B04955**.

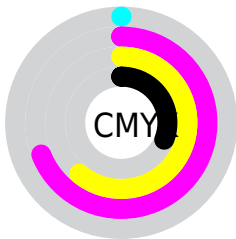
# Distribution



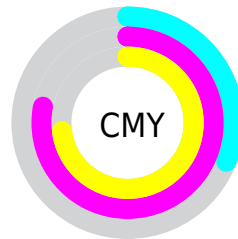
- Red (69%)
- Green (22%)
- Blue (27%)



- Red (69%)
- Yellow (22%)
- Blue (27%)



- Cyan (0%)
- Magenta (69%)
- Yellow (61%)
- Black (31%)



- Cyan (31%)
- Magenta (78%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B03745 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 B03745 by changing the saturation by 10% instead.



 B03745

 B03745

FFFFFF

 92182F

 ED6D75

 75001A

 FF888F

 590000

 FFA4A9

 3D0001

 FFC0C4

 1C0001

 FFDDE0

 000000

 FFFAFD

 B03745

 B03745

 B02535

 B04955

 B01426

 B05A64

 B00216

 B06C74

 B00014

 B07D83

 B08F93

 B0A1A2

 B0B2B2

 B0C4C2

 B0D5D1

# Harmonies

## Analogous

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



AB3571



B03745



A0491C

# Triad

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



B03745



187227



006CBA

# Complementary

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



B03745



37B0A2

# 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.



0074A7



B03745



007654

# Square

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



B03745



596A00



007782



475CB5

# Rectangle

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



B03745



8D5700



007782



006FB7



# Sweetspot

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



B03745



E6B5BB



A237B0



735659



F2F2F2



737373



# Same Dimension

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



B03745



E6273D



B06537



595051



990012



1A0003



# Inverse Universe

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



B03745



E6273D



3782B0



595051



990012



1A0003



# Previews

## White Background



This preview shows how the Hex color B03745 looks on a white background.

## Color Contrast Check

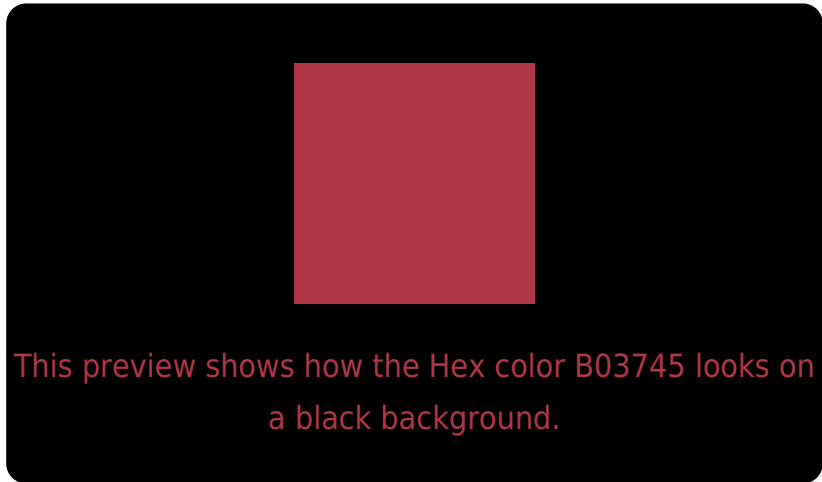
Large Text (above 18pt) WCAG AA ✓ Pass

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 B03745 Background



This preview shows how black text looks on a background with the Hex color B03745.

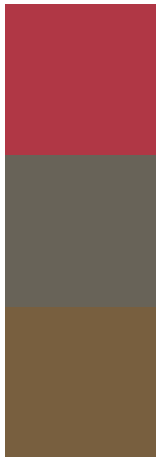


This preview shows how white text looks on a background with the Hex color B03745.

# 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**  
B03745

**Protanopia**  
686358

**Deuteranopia**  
785F3F



**Tritanopia**  
B0393C

# Trichromacy



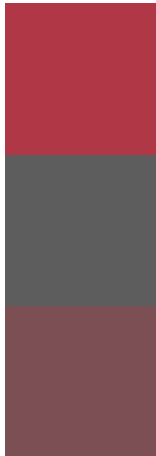
**Original Color**  
B03745

**Protanomaly**  
825351

**Deuteranomaly**  
8C5041

**Tritanomaly**  
B0383F

# Monochromacy



**Original Color**  
B03745

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
7B4F54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B03745 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 #B03745 looks like.

```
.text, #text, p{  
    color:#B03745  
}
```

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 #B03745 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B03745
}
```

## Border

The CSS property to change the border of an element to Hex B03745 is called "border". The border property can be set on classes, ids or directly on the HTML element.

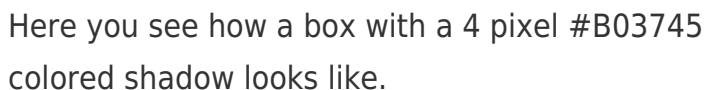
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B03745 }
```

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

```
.border{ border-color:#B03745 }
```

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



Here you see how a box with a 4 pixel #B03745 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B03745; -webkit-box-shadow:4px 4px  
4px 4px #B03745; box-shadow:4px 4px 4px  
4px #B03745 }
```

# Background

The CSS property to change the background color of an element to Hex B03745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B03745 }
```

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

```
.background{ background-color:#B03745 }
```

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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