

Converting Colors

Hex(B03F3B)

Have a look what the booklet for
Hex(B03F3B) contains.

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Color

Hex(B03F3B)

Conversions

Conversions Part 1

Format	Color
Hex	B03F3B
RGB	176, 63, 59
RGB Percent	69%, 25%, 23%
CMY	0.3098, 0.7529, 0.7686
CMYK	0.00, 0.64, 0.66, 0.31
HSL	2°, 50%, 46%
HSV	2°, 66%, 69%
XYZ	20.4714, 13.1009, 5.5874
YIQ	96.3310, 68.6320, 22.7120

Conversions

Conversions Part 2

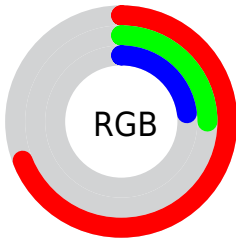
Format	Color
R _Y B	176, 63, 59
Decimal	11550523
CIE Lab	42.91, 45.77, 27.26
CIE LCh	43, 53.271, 30.774
Yxy	13.1009, 0.5228, 0.3345
Android (android.graphics.Color)	4289740603 (0xFFB03F3B)
YUV	96.3310, -18.4042, 69.8697
Hunter-Lab	36.1951, 37.6154, 16.1840

Details

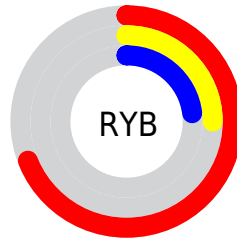
The Hex color **B03F3B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3BACB0**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **ED746A**, and **750011** is the 20% darker color. If you saturate the color by 10%, you get **B02E29**, and if you desaturate by 10%, it is **B0504D**.

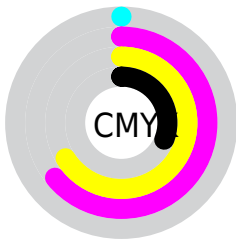
Distribution



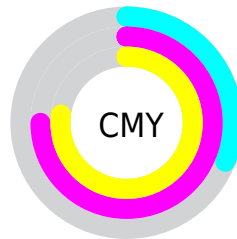
- Red (69%)
- Green (25%)
- Blue (23%)



- Red (69%)
- Yellow (25%)
- Blue (23%)



- Cyan (0%)
- Magenta (64%)
- Yellow (66%)
- Black (31%)



- Cyan (31%)
- Magenta (75%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color B03F3B 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 B03F3B by changing the saturation by 10% instead.

 B03F3B

 B03F3B

FFFFFF

 922325

 ED746A

 750011

 FF8F84

 580000

 FFAA9E

 3C0001

 FFC7B9

 1D0001

 FFE3D5

 000000

 FFFFFF1

 B03F3B

 B03F3B

 B02E29

 B0504D

 B01D18

 B0615E

 B00C06

 B07270

 B00600

 B08381

 B09493

 B0A5A5

 B0B6B6

 B0C7C8

 B0D8D9

Harmonies

Analogous

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



B23766



B03F3B



9B5213

Triad

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



B03F3B



007638



006ABE

Complementary

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



B03F3B



3BACB0

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.



0075B2



B03F3B



007965

Square

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



B03F3B



4D700B



007991



6559B2

Rectangle

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



B03F3B



855E00



007991



006FBD

Sweetspot

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



B03F3B



E6B9B8



B03BAC



735857



F2F2F2



737373

Same Dimension

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



B03F3B



E6342E



B0793B



595150



990500



1A0100

Inverse Universe

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



3BACB0



2EDFE6



3B72B0



505959



009499



00191A

Previews

White Background



This preview shows how the Hex color B03F3B looks on a white background.

Color Contrast Check

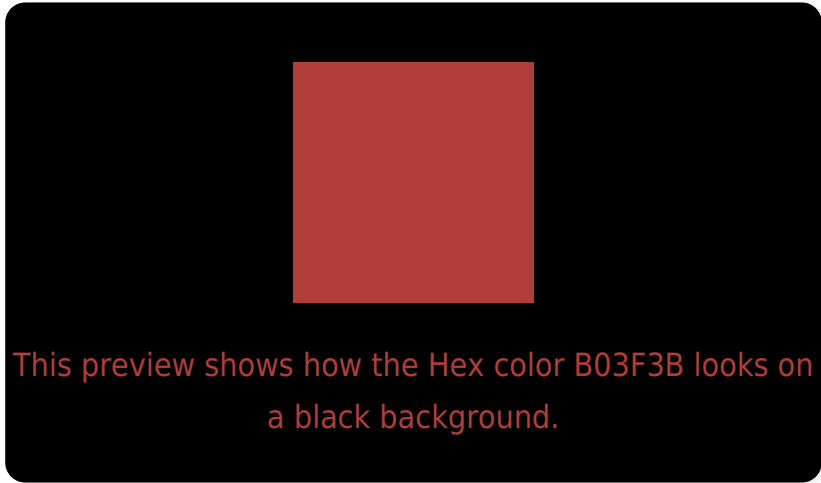
Large Text (above 18pt) WCAG AA ✓ Pass

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 B03F3B Background



This preview shows how black text looks on a background with the Hex color B03F3B.



This preview shows how white text looks on a background with the Hex color B03F3B.

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
B03F3B

Protanopia
6E664A

Deuteranopia
7D6135



Tritanopia
B03E42

Trichromacy



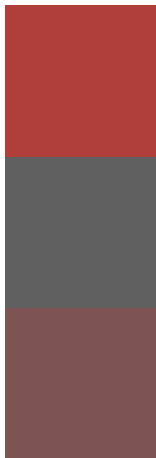
Original Color
B03F3B

Protanomaly
865845

Deuteranomaly
905537

Tritanomaly
B03E3F

Monochromacy



Original Color
B03F3B

Achromatopsia
606060

Achromatomaly
7D5453

CSS Examples

Text

The CSS property to change the color of the text to Hex B03F3B 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 #B03F3B looks like.

```
.text, #text, p{  
    color:#B03F3B  
}
```

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 #B03F3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B03F3B
}
```

Border

The CSS property to change the border of an element to Hex B03F3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

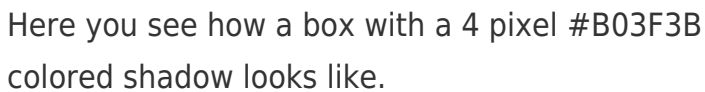
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B03F3B }
```

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

```
.border{ border-color:#B03F3B }
```

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



Here you see how a box with a 4 pixel `#B03F3B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B03F3B; -webkit-box-shadow:4px 4px  
4px 4px #B03F3B; box-shadow:4px 4px 4px  
4px #B03F3B }
```

Background

The CSS property to change the background color of an element to Hex B03F3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B03F3B }
```

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

```
.background{ background-color:#B03F3B }
```

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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