

Converting Colors

Hex(B03023)

Have a look what the booklet for
Hex(B03023) contains.

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Color

Hex(B03023)

Conversions

Conversions Part 1

Format	Color
Hex	B03023
RGB	176, 48, 35
RGB Percent	69%, 19%, 14%
CMY	0.3098, 0.8118, 0.8627
CMYK	0.00, 0.73, 0.80, 0.31
HSL	6°, 67%, 41%
HSV	6°, 80%, 69%
XYZ	19.2648, 11.4654, 2.7878
YIQ	84.7900, 80.4610, 23.0930

Conversions

Conversions Part 2

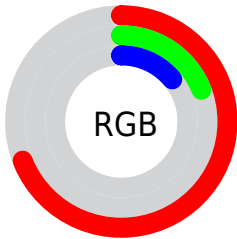
Format	Color
R _Y B	176, 49, 35
Decimal	11546659
CIE Lab	40.35, 50.80, 38.21
CIE LCh	40, 63.571, 36.951
Yxy	11.4654, 0.5748, 0.3421
Android (android.graphics.Color)	4289736739 (0xFFB03023)
YUV	84.7900, -24.5465, 79.9912
Hunter-Lab	33.8605, 42.3009, 18.8210

Details

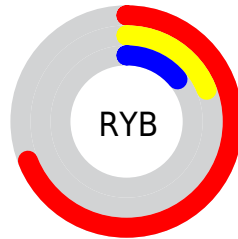
The Hex color **B03023** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **23A3B0**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **EE6751**, and **730000** is the 20% darker color. If you saturate the color by 10%, you get **B02011**, and if you desaturate by 10%, it is **B04035**.

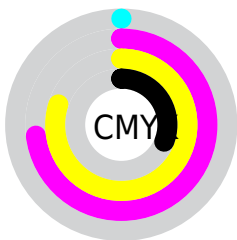
Distribution



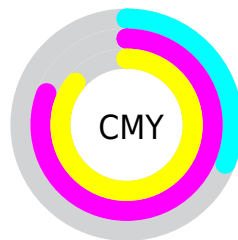
- Red (69%)
- Green (19%)
- Blue (14%)



- Red (69%)
- Yellow (19%)
- Blue (14%)



- Cyan (0%)
- Magenta (73%)
- Yellow (80%)
- Black (31%)



- Cyan (31%)
- Magenta (81%)
- Yellow (86%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B03023 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 B03023 by changing the saturation by 10% instead.

 B03023

 B03023

FFFFFF

 910D0D

 EE6751

 730000

 FF826A

 550000

 FF9E83

 3B0002

 FFBA9D

 150000

 FFD6B8

 000000

 FFF4D4

 FFFFF1

 B03023

 B03023

 B02011

 B04035

 B01000

 B05046

 B06058

 B07069

 B0807B

 B0908D

 B0A09E

 B0B0B0

 B0C0C1

Harmonies

Analogous

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



B81655



B03023



934D00

Triad

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



B03023



007333



0062C8

Complementary

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



B03023



23A3B0

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.



006FBF



B03023



00756A

Square

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



B03023



2F6D00



00759D



6C4BB3

Rectangle

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



B03023



795B00



00759D



0068C8

Sweetspot

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



B03023



E6B3AE



B023A4



735551



F2F2F2



737373

Same Dimension

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



B03023



E61D09



B07523



595150



990E00



1A0200

Inverse Universe

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



23A3B0



09D1E6



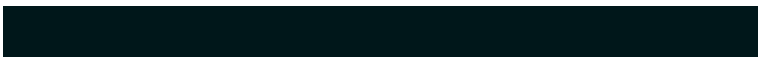
235EB0



505859



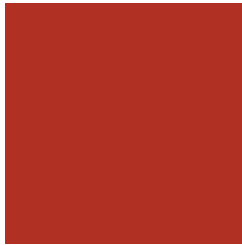
008B99



00171A

Previews

White Background



This preview shows how the Hex color B03023 looks on a white background.

Color Contrast Check

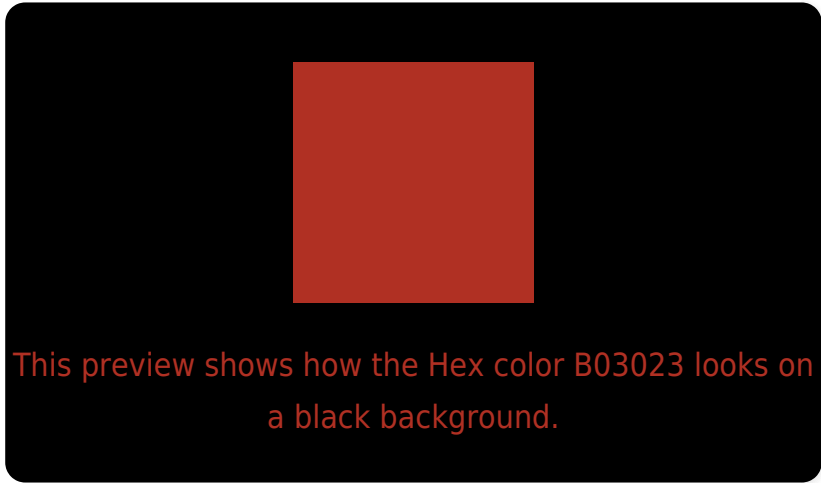
Large Text (above 18pt) WCAG AA ✓ Pass

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 B03023 Background



This preview shows how black text looks on a background with the Hex color B03023.



This preview shows how white text looks on a background with the Hex color B03023.

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

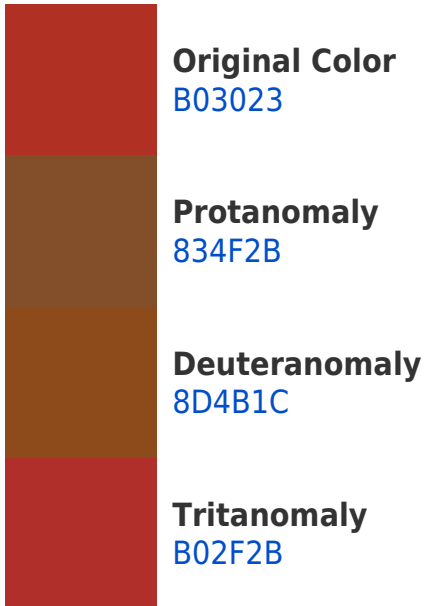


Original Color
B03023

Protanopia
6A6030

Deuteranopia
795B18

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B03023 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 #B03023 looks like.

```
.text, #text, p{  
    color:#B03023  
}
```

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 #B03023 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B03023
}
```

Border

The CSS property to change the border of an element to Hex B03023 is called "border". The border property can be set on classes, ids or directly on the HTML element.

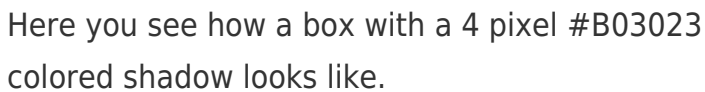
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B03023 }
```

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

```
.border{ border-color:#B03023 }
```

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



Here you see how a box with a 4 pixel #B03023 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B03023; -webkit-box-shadow:4px 4px  
4px 4px #B03023; box-shadow:4px 4px 4px  
4px #B03023 }
```

Background

The CSS property to change the background color of an element to Hex B03023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B03023 }
```

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

```
.background{ background-color:#B03023 }
```

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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