

Converting Colors

Hex(B0703B)

Have a look what the booklet for
Hex(B0703B) contains.

Hex(B0703B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B0703B)

Conversions

Conversions Part 1

Format	Color
Hex	B0703B
RGB	176, 112, 59
RGB Percent	69%, 44%, 23%
CMY	0.3098, 0.5608, 0.7686
CMYK	0.00, 0.36, 0.66, 0.31
HSL	27°, 50%, 46%
HSV	27°, 66%, 69%
XYZ	24.4881, 21.1342, 6.9263
YIQ	125.0940, 55.1570, -2.9150

Conversions

Conversions Part 2

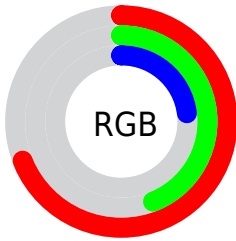
Format	Color
RYB	176, 156, 59
Decimal	11563067
CIELab	53.10, 20.33, 39.29
CIElCh	53, 44.241, 62.644
Yxy	21.1342, 0.4660, 0.4022
Android (android.graphics.Color)	4289753147 (0xFFB0703B)
YUV	125.0940, -32.5843, 44.6446
Hunter-Lab	45.9720, 14.6314, 23.2475

Details

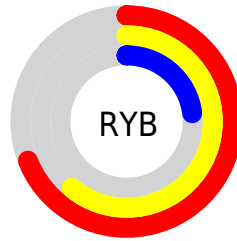
The Hex color **B0703B** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3B7BB0**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **EBA46C**, and **77400B** is the 20% darker color. If you saturate the color by 10%, you get **B06629**, and if you desaturate by 10%, it is **B07A4D**.

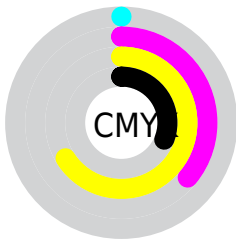
Distribution



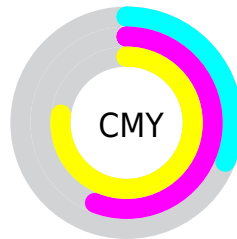
- Red (69%)
- Green (44%)
- Blue (23%)



- Red (69%)
- Yellow (61%)
- Blue (23%)



- Cyan (0%)
- Magenta (36%)
- Yellow (66%)
- Black (31%)



- Cyan (31%)
- Magenta (56%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0703B 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 B0703B by changing the saturation by 10% instead.

 B0703B

 B0703B

FFFFFF

 935723

 EBA46C

 77400B

 FFBF86

 5C2900

 FFDBA1

 401400

 FFF8BC

 280000

 FFFFD8

 000000

 FFFFF5

 B0703B

 B0703B

 B06629

 B07A4D

 B05D18

 B0835E

 B05306

 B08D70

 B05000

 B09781

 B0A093

 B0AAA5

 B0B3B6

 B0BDC8

 B0C7D9

Harmonies

Analogous

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



C36358



B0703B



917E2F

Triad

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



B0703B



009281



8573BF

Complementary

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



B0703B



3B7BB0

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.



3B82CB



B0703B



0091A7

Square

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



B0703B



358F5A



008CC2



B065A2

Rectangle

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



B0703B



788535



008CC2



7179C5

Sweetspot

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



B0703B



E6CCB8



B03B7B



736457



F2F2F2



737373

Same Dimension

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



B0703B



E6812E



B0AA3B



595450



994500



1A0C00

Inverse Universe

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



3B7BB0



2E92E6



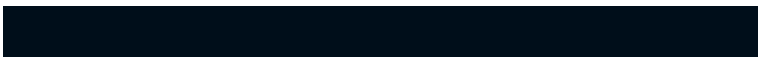
3B41B0



505559



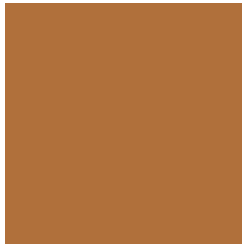
005499



000E1A

Previews

White Background



This preview shows how the Hex color B0703B looks on a white background.

Color Contrast Check

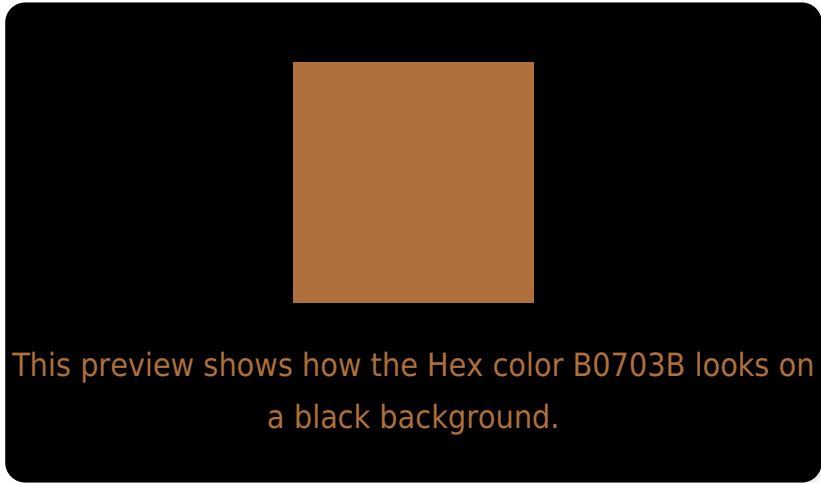
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

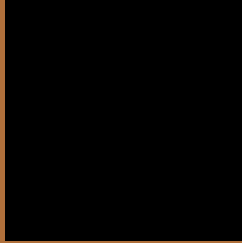
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B0703B Background



This preview shows how black text looks on a background with the Hex color B0703B.



This preview shows how white text looks on a background with the Hex color B0703B.

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
B0703B

Protanopia
8D7F40

Deuteranopia
9E7939



Tritanopia
B46A72

Trichromacy



Original Color
B0703B

Protanomaly
9A7A3E

Deuteranomaly
A5763A

Tritanomaly
B36C5E

Monochromacy



Original Color
B0703B

Achromatopsia
7D7D7D

Achromatomaly
907865

CSS Examples

Text

The CSS property to change the color of the text to Hex B0703B 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 #B0703B looks like.

```
.text, #text, p{  
    color:#B0703B  
}
```

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 #B0703B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0703B
}
```

Border

The CSS property to change the border of an element to Hex B0703B 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
#B0703B }
```

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

```
.border{ border-color:#B0703B }
```

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

Here you see how a box with a 4 pixel #B0703B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0703B; -webkit-box-shadow:4px 4px  
4px 4px #B0703B; box-shadow:4px 4px 4px  
4px #B0703B }
```

Background

The CSS property to change the background color of an element to Hex B0703B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0703B }
```

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

```
.background{ background-color:#B0703B }
```

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