

Converting Colors

Hex(B0772B)

Have a look what the booklet for
Hex(B0772B) contains.

Hex(B0772B)	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(B0772B)

Conversions

Conversions Part 1

Format	Color
Hex	B0772B
RGB	176, 119, 43
RGB Percent	69%, 47%, 17%
CMY	0.3098, 0.5333, 0.8314
CMYK	0.00, 0.32, 0.76, 0.31
HSL	34°, 61%, 43%
HSV	34°, 76%, 69%
XYZ	24.9374, 22.5982, 5.3330
YIQ	127.3790, 58.3680, -11.5520

Conversions

Conversions Part 2

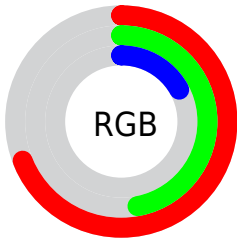
Format	Color
R _Y B	143, 176, 43
Decimal	11564843
CIE Lab	54.66, 15.54, 48.64
CIE LCh	55, 51.067, 72.284
Yxy	22.5982, 0.4717, 0.4274
Android (android.graphics.Color)	4289754923 (0xFFB0772B)
YUV	127.3790, -41.5988, 42.6406
Hunter-Lab	47.5375, 10.4473, 26.6248

Details

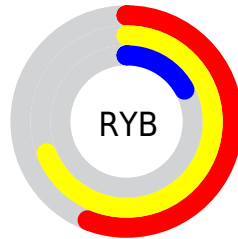
The Hex color **B0772B** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2B64B0**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **EBAB5D**, and **774700** is the 20% darker color. If you saturate the color by 10%, you get **B06F19**, and if you desaturate by 10%, it is **B07F3D**.

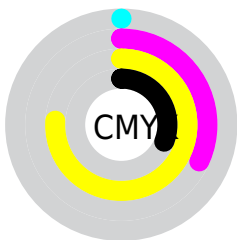
Distribution



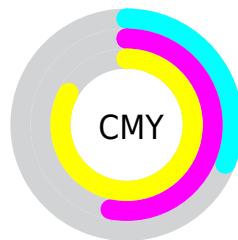
- Red (69%)
- Green (47%)
- Blue (17%)



- Red (56%)
- Yellow (69%)
- Blue (17%)



- Cyan (0%)
- Magenta (32%)
- Yellow (76%)
- Black (31%)



- Cyan (31%)
- Magenta (53%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0772B 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 B0772B by changing the saturation by 10% instead.

 B0772B

 B0772B

FFFFFF

 935E10

 EBAB5D

 774700

 FFC677

 5B3000

 FFE392

 401B00

 FFFFAD

 270400

 FFFFC9

 000000

 FFFF E5

 B0772B

 B0772B

 B06F19

 B07F3D


 B06808

 B0864E

 B06500

 B08E60

 B09571

 B09D83

 B0A495

 B0ACA6

 B0B3B8

 B0BBC9

Harmonies

Analogous

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



CB6649



B0772B



898625

Triad

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



B0772B



009894



9D6FC5

Complementary

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



B0772B



2B64B0

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.



5181D9



B0772B



0096BD

Square

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



B0772B



009666



008FD7



C65F9F

Rectangle

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



B0772B



6A8E33



008FD7



8876CE

Sweetspot

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



B0772B



E6CFB1



B02B65



736553



F2F2F2



737373

Same Dimension

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



B0772B



E68C15



A7B02B



595550



995700



1A0F00

Inverse Universe

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



2B64B0



156EE6



342BB0



505459



004299



000B1A

Previews

White Background



This preview shows how the Hex color B0772B looks on a white background.

Color Contrast Check

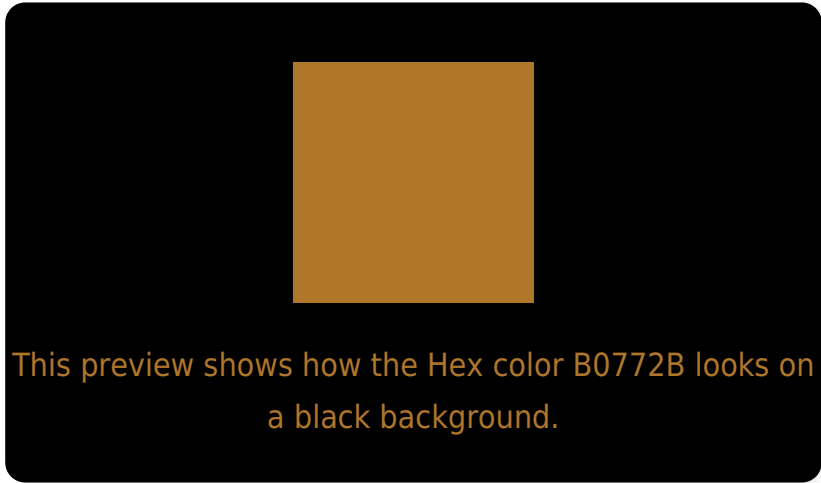
Large Text (above 18pt) WCAG AA ✓ Pass

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 B0772B Background



This preview shows how black text looks on a background with the Hex color B0772B.



This preview shows how white text looks on a background with the Hex color B0772B.

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
B0772B

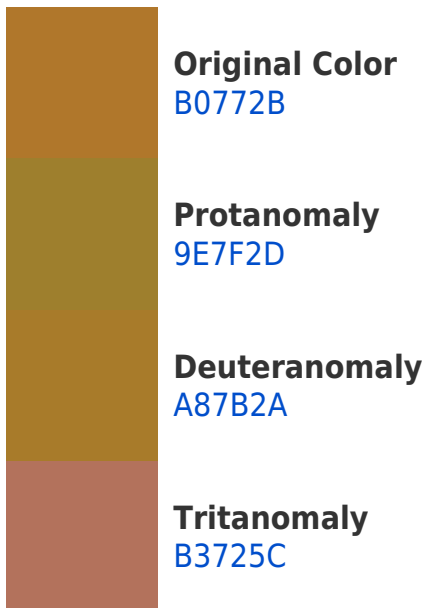
Protanopia
93832E

Deuteranopia
A47D29

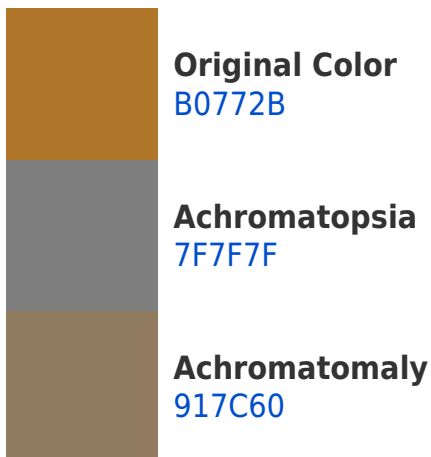


Tritanopia
B56F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0772B 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 #B0772B looks like.

```
.text, #text, p{  
    color:#B0772B  
}
```

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 #B0772B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0772B
}
```

Border

The CSS property to change the border of an element to Hex B0772B 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
#B0772B }
```

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

```
.border{ border-color:#B0772B }
```

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

Here you see how a box with a 4 pixel #B0772B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0772B; -webkit-box-shadow:4px 4px  
4px 4px #B0772B; box-shadow:4px 4px 4px  
4px #B0772B }
```

Background

The CSS property to change the background color of an element to Hex B0772B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0772B }
```

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

```
.background{ background-color:#B0772B }
```

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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