

Converting Colors

Hex(BF7B2C)

Have a look what the booklet for
Hex(BF7B2C) contains.

Hex(BF7B2C)	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(BF7B2C)

Conversions

Conversions Part 1

Format	Color
Hex	BF7B2C
RGB	191, 123, 44
RGB Percent	75%, 48%, 17%
CMY	0.2510, 0.5176, 0.8275
CMYK	0.00, 0.36, 0.77, 0.25
HSL	32°, 63%, 46%
HSV	32°, 77%, 75%
XYZ	29.0234, 25.4241, 5.7605
YIQ	134.3260, 65.8870, -10.1530

Conversions

Conversions Part 2

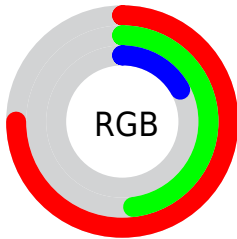
Format	Color
R_{YB}	171, 191, 44
Decimal	12548908
CIE Lab	57.49, 19.95, 51.62
CIE LCh	57, 55.339, 68.873
Yxy	25.4241, 0.4821, 0.4223
Android (android.graphics.Color)	4290738988 (0xFFBF7B2C)
YUV	134.3260, -44.5307, 49.7031
Hunter-Lab	50.4223, 14.5067, 28.5220

Details

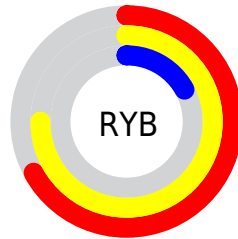
The Hex color **BF7B2C** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2C70BF**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FCB05F**, and **844A00** is the 20% darker color. If you saturate the color by 10%, you get **BF7219**, and if you desaturate by 10%, it is **BF843F**.

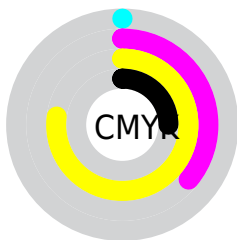
Distribution



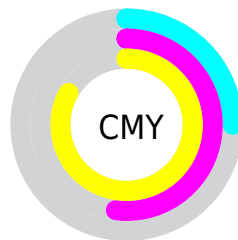
- Red (75%)
- Green (48%)
- Blue (17%)



- Red (67%)
- Yellow (75%)
- Blue (17%)



- Cyan (0%)
- Magenta (36%)
- Yellow (77%)
- Black (25%)



- Cyan (25%)
- Magenta (52%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color BF7B2C 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 BF7B2C by changing the saturation by 10% instead.

 BF7B2C

 BF7B2C

FFFFFF

 A16210

 FCB05F

 844A00

 FFCB79

 683300

 FFE794

 4C1D00

 FFFF4F

 310800

 FFFFCB

 140000

 FFFF88

 000000

 BF7B2C

 BF7B2C

 BF7219

 BF843F

 BF6906

 BF8D52

 BF6700

 BF9665

 BF9E78

 BFA78C

 BFB09F

 BFB9B2

 BFC2C5

 BFCBD8

Harmonies

Analogous

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



DA6850



BF7B2C



968C20

Triad

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



BF7B2C



00A197



9F77D6

Complementary

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



BF7B2C



2C70BF

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.



418BEA



BF7B2C



00A0C6

Square

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



BF7B2C



009F65



0099E4



CF64AE

Rectangle

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



BF7B2C



75952E



0099E4



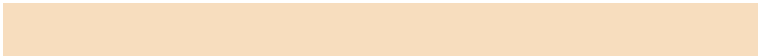
877EDF

Sweetspot

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



BF7B2C



F7DDBE



BF2C71



7D6D5A



FCFCFC



7D7D7D

Same Dimension

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



BF7B2C



F78E14



BABF2C



5E5A55



9E5500



1F1000

Inverse Universe

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



2C70BF



147DF7



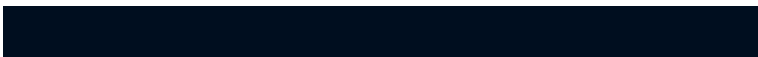
312CBF



55595E



00499E



000E1F

Previews

White Background



This preview shows how the Hex color BF7B2C looks on a white background.

Color Contrast Check

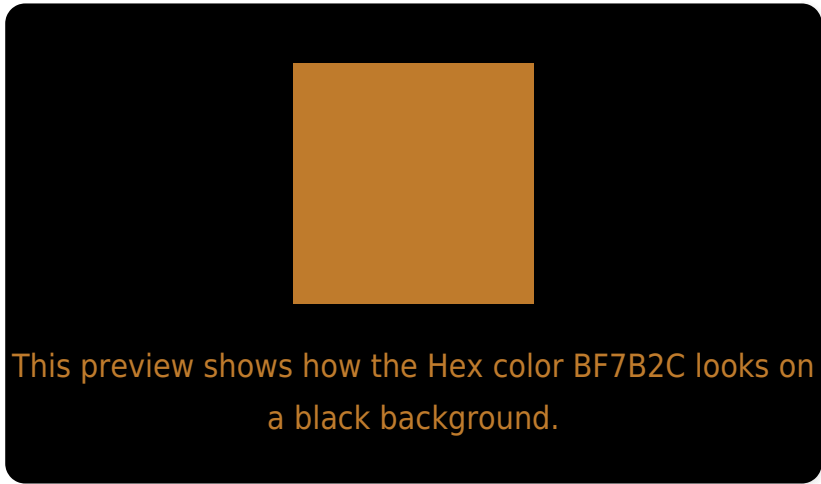
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF7B2C Background



This preview shows how black text looks on a background with the Hex color BF7B2C.



This preview shows how white text looks on a background with the Hex color BF7B2C.

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
BF7B2C

Protanopia
9B8B30

Deuteranopia
AE8329



Tritanopia
C4737C

Trichromacy



Original Color
BF7B2C

Protanomaly
A8852F

Deuteranomaly
B4802A

Tritanomaly
C2765F

Monochromacy



Original Color
BF7B2C

Achromatopsia
868686

Achromatomaly
9B8265

CSS Examples

Text

The CSS property to change the color of the text to Hex BF7B2C 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 #BF7B2C looks like.

```
.text, #text, p{  
    color:#BF7B2C  
}
```

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 #BF7B2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF7B2C
}
```

Border

The CSS property to change the border of an element to Hex BF7B2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

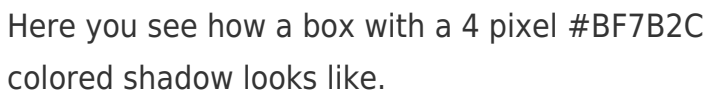
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF7B2C }
```

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

```
.border{ border-color:#BF7B2C }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, offset to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #BF7B2C colored shadow looks like."

Here you see how a box with a 4 pixel #BF7B2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF7B2C; -webkit-box-shadow:4px 4px  
4px 4px #BF7B2C; box-shadow:4px 4px 4px  
4px #BF7B2C }
```

Background

The CSS property to change the background color of an element to Hex BF7B2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF7B2C }
```

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

```
.background{ background-color:#BF7B2C }
```

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