

Converting Colors

Hex(BC7630)

Have a look what the booklet for
Hex(BC7630) contains.

Hex(BC7630)	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(BC7630)

Conversions

Conversions Part 1

Format	Color
Hex	BC7630
RGB	188, 118, 48
RGB Percent	74%, 46%, 19%
CMY	0.2627, 0.5373, 0.8118
CMYK	0.00, 0.37, 0.74, 0.26
HSL	30°, 59%, 46%
HSV	30°, 74%, 74%
XYZ	27.7510, 23.8616, 5.9394
YIQ	130.9500, 64.1900, -6.9300

Conversions

Conversions Part 2

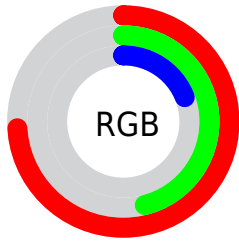
Format	Color
RYB	188, 188, 48
Decimal	12351024
CIELab	55.95, 21.58, 48.20
CIELCh	56, 52.809, 65.882
Yxy	23.8616, 0.4822, 0.4146
Android (android.graphics.Color)	4290541104 (0xFFBC7630)
YUV	130.9500, -40.8943, 50.0329
Hunter-Lab	48.8484, 15.9220, 26.9848

Details

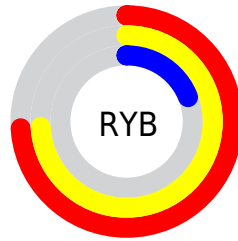
The Hex color **BC7630** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **3076BC**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **F8AA62**, and **824500** is the 20% darker color. If you saturate the color by 10%, you get **BC6D1D**, and if you desaturate by 10%, it is **BC7F43**.

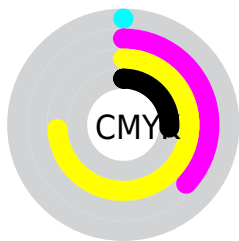
Distribution



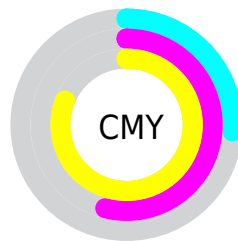
- Red (74%)
- Green (46%)
- Blue (19%)



- Red (74%)
- Yellow (74%)
- Blue (19%)



- Cyan (0%)
- Magenta (37%)
- Yellow (74%)
- Black (26%)



- Cyan (26%)
- Magenta (54%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color BC7630 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 BC7630 by changing the saturation by 10% instead.

 BC7630

 BC7630

FFFFFF

 9F5D16

 F8AA62

 824500

 FFC67C

 662E00

 FFE297

 491800

 FFFFB2

 2F0300

 FFFFCE

 0B0000

 FFFFEA

 000000

 BC7630

 BC7630

 BC6D1D

 BC7F43

 BC630A

 BC8956

 BC5E00

 BC9268

 BC9C7B

 BCA58E

 BCAEA1

 BCB8B4

 BCC1C6

 BCCBD9

Harmonies

Analogous

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



D46453



BC7630



968722

Triad

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



BC7630



009C8E



9476D1

Complementary

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



BC7630



3076BC

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.



3388E1



BC7630



009BBB

Square

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



BC7630



0A9A5F



0095D9



C563AC

Rectangle

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



BC7630



778F2D



0095D9



7C7DD9

Sweetspot

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



BC7630



F5DABF



BC3076



7A6A5B



FAFAFA



7A7A7A

Same Dimension

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



BC7630



F5881B



BCBC30



5E5A55



9E4F00



1F0F00

Inverse Universe

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



3076BC



1B88F5



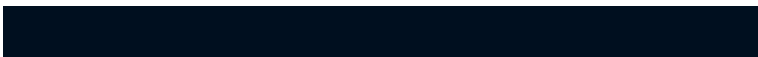
3030BC



555A5E



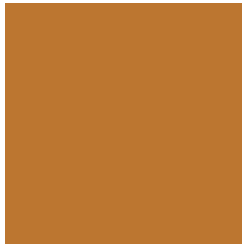
004F9E



000F1F

Previews

White Background



This preview shows how the Hex color BC7630 looks on a white background.

Color Contrast Check

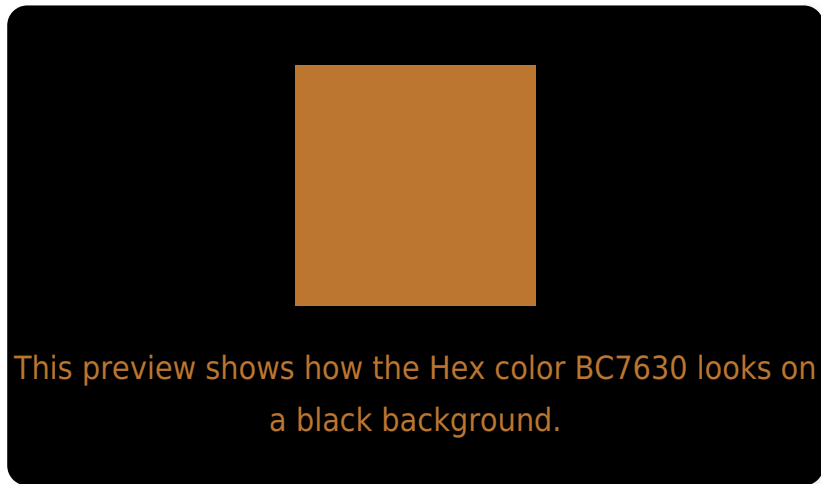
Large Text (above 18pt) WCAG AA ✓ Pass

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

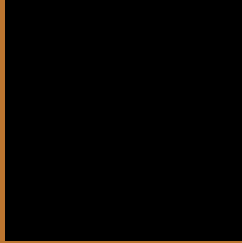
Any Text WCAG AA ✓ Pass

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 BC7630 Background



This preview shows how black text looks on a background with the Hex color BC7630.



This preview shows how white text looks on a background with the Hex color BC7630.

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
BC7630

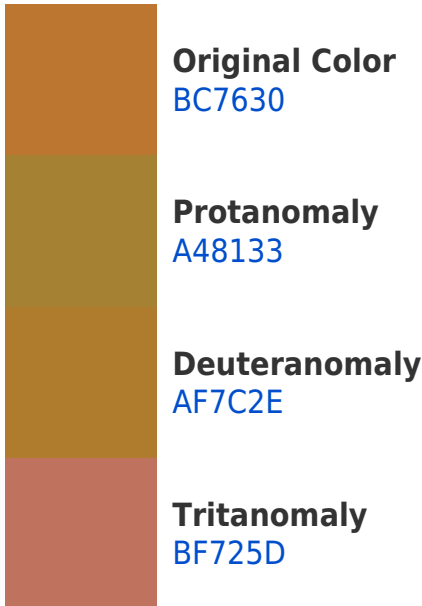
Protanopia
968735

Deuteranopia
A8802D



Tritanopia
C06F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BC7630 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 #BC7630 looks like.

```
.text, #text, p{  
    color:#BC7630  
}
```

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 #BC7630 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC7630
}
```

Border

The CSS property to change the border of an element to Hex BC7630 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
#BC7630 }
```

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

```
.border{ border-color:#BC7630 }
```

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

Here you see how a box with a 4 pixel #BC7630 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC7630; -webkit-box-shadow:4px 4px  
4px 4px #BC7630; box-shadow:4px 4px 4px  
4px #BC7630 }
```

Background

The CSS property to change the background color of an element to Hex BC7630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC7630 }
```

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

```
.background{ background-color:#BC7630 }
```

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