

# Converting Colors

Hex(BC7B00)

Have a look what the booklet for  
Hex(BC7B00) contains.

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**Color**

**Hex(BC7B00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC7B00
RGB	188, 123, 0
RGB Percent	74%, 48%, 0%
CMY	0.2627, 0.5176, 1.0000
CMYK	0.00, 0.35, 1.00, 0.26
HSL	39°, 100%, 37%
HSV	39°, 100%, 74%
XYZ	27.8220, 24.8573, 3.3316
YIQ	128.4130, 78.2230, -24.4730

# Conversions

## Conversions Part 2

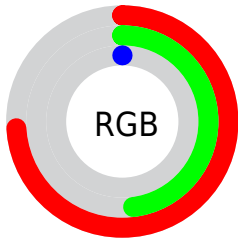
Format	Color
RYB	99, 188, 0
Decimal	12352256
CIELab	56.94, 17.61, 63.20
CIELCh	57, 65.604, 74.432
Yxy	24.8573, 0.4967, 0.4438
Android (android.graphics.Color)	4290542336 (0xFFBC7B00)
YUV	128.4130, -63.3076, 52.2578
Hunter-Lab	49.8571, 12.3594, 30.9381

# Details

The Hex color **BC7B00** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0041BC**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **F9AF44**, and **814A00** is the 20% darker color. If you saturate the color by 10%, you get **BC7B00**, and if you desaturate by 10%, it is **BC8213**.

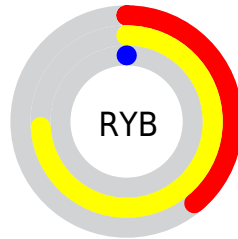
# Distribution



Red (74%)

Green (48%)

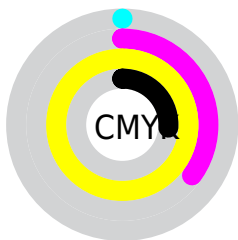
Blue (0%)



Red (39%)

Yellow (74%)

Blue (0%)

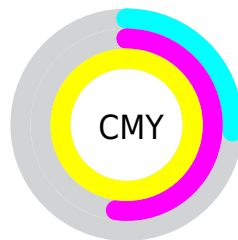


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (26%)



Cyan (26%)

Magenta (52%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC7B00 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 BC7B00 by changing the saturation by 10% instead.




 BC7B00

 BC7B00

FFFFFF

 9E6200

 F9AF44

 814A00

 FFCB5F

 643400

 FFE77A

 481E00

 FFFF95

 2E0900

 FFFFB1

 0B0000

 FFFFCB

 000000

 FFFFEB

 BC7B00

 BC8213

 BC8826

 BC8F38

 BC954B

 BC9C5E

 BCA271

 BCA984

 BCAF96

 BCB6A9

# Harmonies

## Analogous

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



E0623A



BC7B00



8A8F00

# Triad

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



BC7B00



00A3A4



AE6CDB

# Complementary

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



BC7B00



0041BC

# 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.



3F86F8



BC7B00



00A0D8

# Square

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



BC7B00



00A168



0098F7



E053A9

# Rectangle

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



BC7B00



61971B



0098F7



9375E8



# Sweetspot

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



BC7B00



F5DBAB



BC0042



7A6B4E



FAFAFA



7A7A7A



# Same Dimension

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



BC7B00



F5A000



A0BC00



5E5B55



9E6700



1F1400



# Inverse Universe

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



0041BC



0055F5



1C00BC



55585E



00379E



000B1F



# Previews

## White Background



This preview shows how the Hex color BC7B00 looks on a white background.

## Color Contrast Check

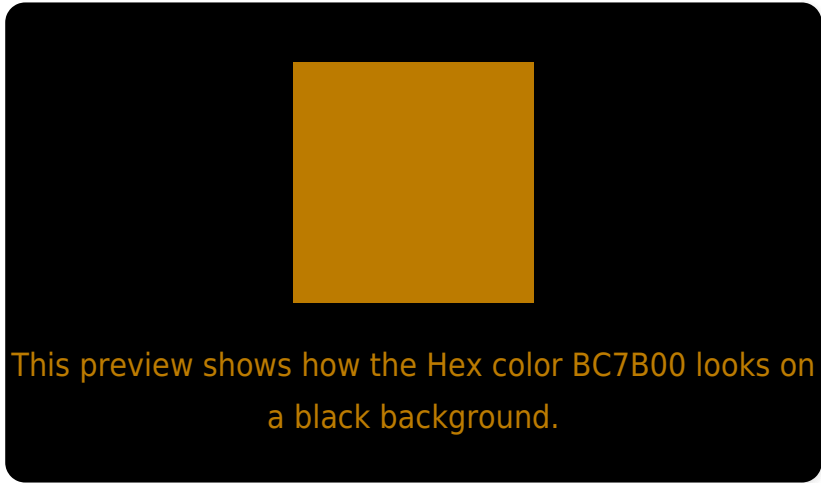
Large Text (above 18pt) WCAG AA ✓ Pass

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 BC7B00 Background



This preview shows how black text looks on a background with the Hex color BC7B00.



This preview shows how white text looks on a background with the Hex color BC7B00.

# 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**  
BC7B00

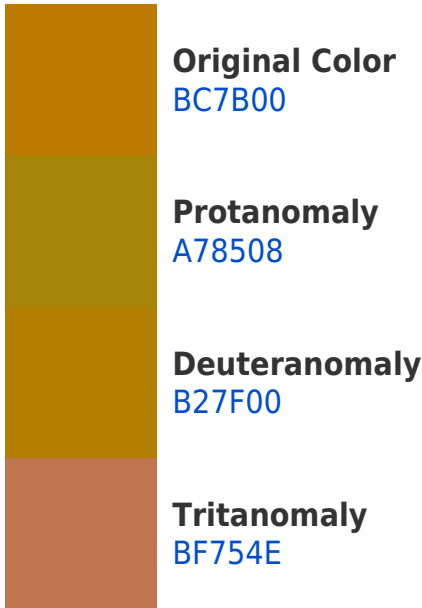
**Protanopia**  
9B8A0D

**Deuteranopia**  
AD8200

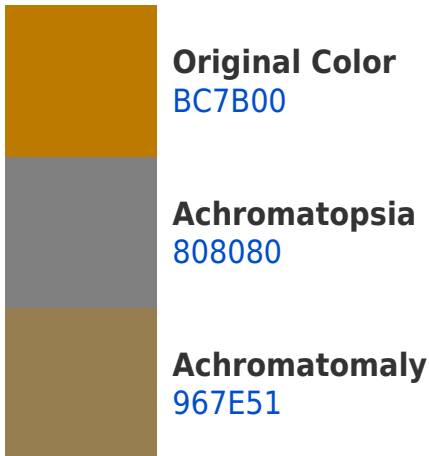


**Tritanopia**  
C1727B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC7B00 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 #BC7B00 looks like.

```
.text, #text, p{  
    color:#BC7B00  
}
```

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 #BC7B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC7B00
}
```

## Border

The CSS property to change the border of an element to Hex BC7B00 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
#BC7B00 }
```

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

```
.border{ border-color:#BC7B00 }
```

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

Here you see how a box with a 4 pixel #BC7B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC7B00; -webkit-box-shadow:4px 4px  
4px 4px #BC7B00; box-shadow:4px 4px 4px  
4px #BC7B00 }
```

# Background

The CSS property to change the background color of an element to Hex BC7B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC7B00 }
```

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

```
.background{ background-color:#BC7B00 }
```

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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