

# Converting Colors

Hex(BD7A01)

Have a look what the booklet for  
Hex(BD7A01) contains.

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**Color**

**Hex(BD7A01)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | BD7A01                      |
| RGB         | 189, 122, 1                 |
| RGB Percent | 74%, 48%, 0%                |
| CMY         | 0.2588, 0.5216, 0.9961      |
| CMYK        | 0.00, 0.35, 0.99, 0.26      |
| HSL         | 39°, 99%, 37%               |
| HSV         | 39°, 99%, 74%               |
| XYZ         | 27.9513, 24.7401, 3.3308    |
| YIQ         | 128.2390, 78.7730, -23.4270 |

# Conversions

## Conversions Part 2

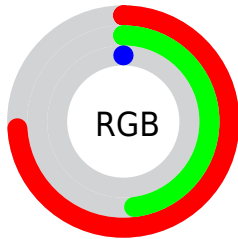
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 105, 189, 1                    |
| Decimal                             | 12417537                       |
| CIE Lab                             | 56.82, 18.61, 63.00            |
| CIE LCh                             | 57, 65.696, 73.540             |
| Yxy                                 | 24.7401, 0.4989,<br>0.4416     |
| Android<br>(android.graphics.Color) | 4290607617<br>(0xFFBD7A01)     |
| YUV                                 | 128.2390, -62.7288,<br>53.2874 |
| Hunter-Lab                          | 49.7394, 13.2649,<br>30.8472   |

# Details

The Hex color **BD7A01** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0144BD**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FAAE44**, and **824900** is the 20% darker color. If you saturate the color by 10%, you get **BD7A00**, and if you desaturate by 10%, it is **BD8114**.

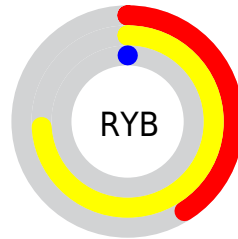
# Distribution



Red (74%)

Green (48%)

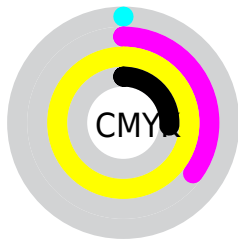
Blue (0%)



Red (41%)

Yellow (74%)

Blue (0%)

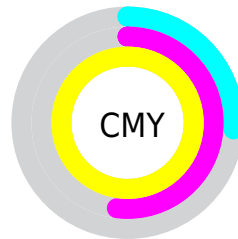


Cyan (0%)

Magenta (35%)

Yellow (99%)

Black (26%)



Cyan (26%)

Magenta (52%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD7A01 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 BD7A01 by changing the saturation by 10% instead.



 BD7A01

 BD7A01

FFFFFF

 9F6100

 FAAE44

 824900

 FFCA5F

 653300

 FFE67A

 491D00

 FFFF95

 2E0800

 FFFFB1

 0D0000

 FFFFCB

 000000

 FFFFEB

 BD7A01

 BD7A01

■ BD7A00

■ BD8114

■ BD8727

■ BD8E3A

■ BD954D

■ BD9C5F

■ BDA272

■ BDA985

■ BDB098

■ BDB7AB

# Harmonies

## Analogous

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



E0613B



BD7A01



8B8E00

# Triad

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



BD7A01



00A3A2



AB6DDC

# Complementary

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



BD7A01



0144BD

# 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.



3786F8



BD7A01



00A0D6

# Square

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



BD7A01



00A166



0098F6



DF53AA

# Rectangle

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



BD7A01



629719



0098F6



9076E9



# Sweetspot

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



BD7A01



F5DBAB



BD0146



7A6B4E



FAFAFA



7A7A7A



# Same Dimension

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



BD7A01



F59E00



A4BD01



5E5B55



9E6600



1F1400



# Inverse Universe

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



0144BD



0057F5



1A01BD



55585E



00389E

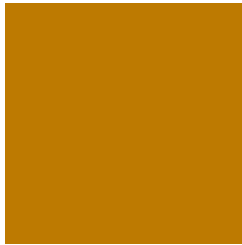


000B1F



# Previews

## White Background



This preview shows how the Hex color BD7A01 looks on a white background.

## Color Contrast Check

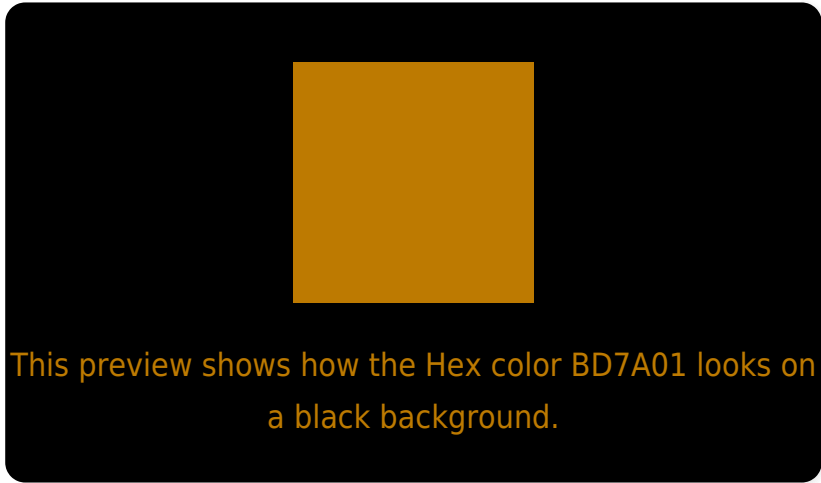
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD7A01 Background



This preview shows how black text looks on a background with the Hex color BD7A01.



This preview shows how white text looks on a background with the Hex color BD7A01.

# 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**  
BD7A01

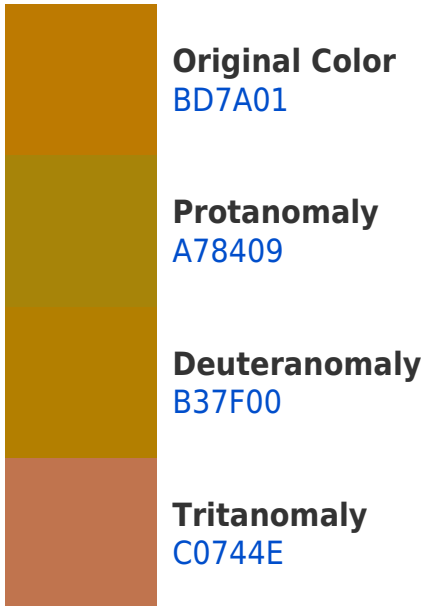
**Protanopia**  
9A890D

**Deuteranopia**  
AD8200

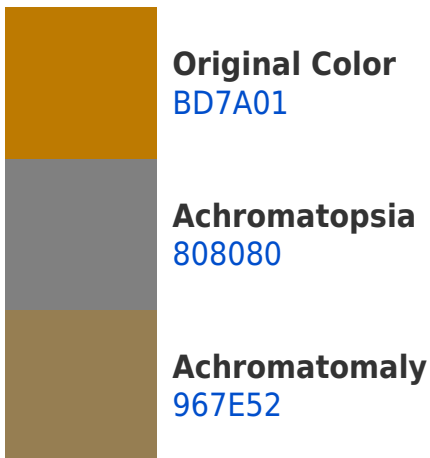


**Tritanopia**  
C2717A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD7A01 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 #BD7A01 looks like.

```
.text, #text, p{  
    color:#BD7A01  
}
```

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 #BD7A01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD7A01
}
```

## Border

The CSS property to change the border of an element to Hex BD7A01 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
#BD7A01 }
```

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

```
.border{ border-color:#BD7A01 }
```

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

Here you see how a box with a 4 pixel #BD7A01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD7A01; -webkit-box-shadow:4px 4px  
4px 4px #BD7A01; box-shadow:4px 4px 4px  
4px #BD7A01 }
```

# Background

The CSS property to change the background color of an element to Hex BD7A01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD7A01 }
```

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

```
.background{ background-color:#BD7A01 }
```

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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