

# Converting Colors

Hex(B07A00)

Have a look what the booklet for  
Hex(B07A00) contains.

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**Color**

**Hex(B07A00)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | B07A00                      |
| RGB         | 176, 122, 0                 |
| RGB Percent | 69%, 48%, 0%                |
| CMY         | 0.3098, 0.5216, 1.0000      |
| CMYK        | 0.00, 0.31, 1.00, 0.31      |
| HSL         | 42°, 100%, 35%              |
| HSV         | 42°, 100%, 69%              |
| XYZ         | 24.8640, 23.1492, 3.1578    |
| YIQ         | 124.2380, 71.3460, -26.4940 |

# Conversions

## Conversions Part 2

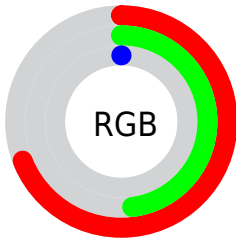
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 78, 176, 0                     |
| Decimal                             | 11565568                       |
| CIELab                              | 55.23, 12.77, 61.36            |
| CIElCh                              | 55, 62.670, 78.243             |
| Yxy                                 | 23.1492, 0.4859,<br>0.4524     |
| Android<br>(android.graphics.Color) | 4289755648<br>(0xFFB07A00)     |
| YUV                                 | 124.2380, -61.2493,<br>45.3953 |
| Hunter-Lab                          | 48.1136, 8.0460,<br>29.7882    |

# Details

The Hex color **B07A00** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0036B0**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **ECAE43**, and **764A00** is the 20% darker color. If you saturate the color by 10%, you get **B07A00**, and if you desaturate by 10%, it is **B07F12**.

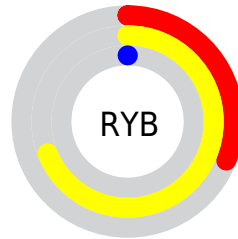
# Distribution



Red (69%)

Green (48%)

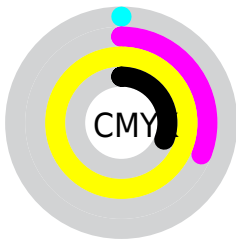
Blue (0%)



Red (31%)

Yellow (69%)

Blue (0%)

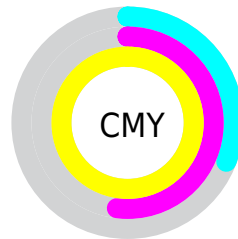


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (31%)



Cyan (31%)

Magenta (52%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B07A00 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 B07A00 by changing the saturation by 10% instead.



 B07A00

 B07A00

FFFFFF

 936100

 ECAE43

 764A00

 FFCA5E

 5A3300

 FFE679

 3E1E00

 FFFF94

 260800

 FFFFB0

 000000

 FFFFCC


 FFFFEE9

 B07A00

 B07F12

 B08523

 B08A35

 B09046

 B09558

 B09A6A

 B0A07B

 B0A58D

 B0AB9E

# Harmonies

## Analogous

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



D46334



B07A00



7F8C00

# Triad

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



B07A00



009DA5



B066CD

# Complementary

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



B07A00



0036B0

# 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.



557FEC



B07A00



009AD5

# Square

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



B07A00



009C6C



0091EF



DB509C

# Rectangle

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



B07A00



569425



0091EF



996FDA



# Sweetspot

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



B07A00



E6D0A1



B00038



736649



F2F2F2



737373



# Same Dimension

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



B07A00



E69F00



90B000



595750



996A00



1A1200



# Inverse Universe

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



0036B0



0046E6



2000B0



505359



002F99

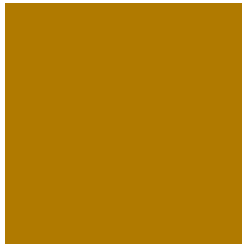


00081A



# Previews

## White Background



This preview shows how the Hex color B07A00 looks on a white background.

## Color Contrast Check

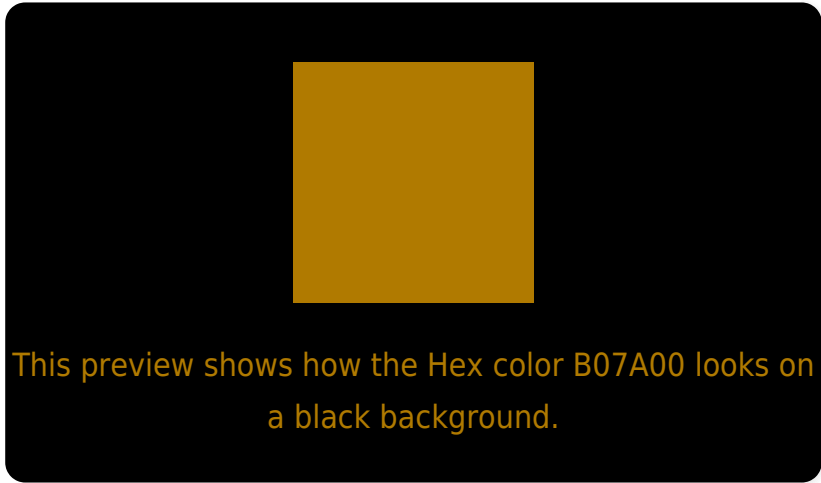
Large Text (above 18pt) WCAG AA ✓ Pass

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 B07A00 Background



This preview shows how black text looks on a background with the Hex color B07A00.



This preview shows how white text looks on a background with the Hex color B07A00.

# 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**  
B07A00

**Protanopia**  
96850B

**Deuteranopia**  
A87E00



**Tritanopia**  
B5717A

# Trichromacy



**Original Color**  
B07A00

**Protanomaly**  
9F8107

**Deuteranomaly**  
AB7D00

**Tritanomaly**  
B3744E

# Monochromacy



**Original Color**  
B07A00

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
8F7B4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B07A00 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 #B07A00 looks like.

```
.text, #text, p{  
    color:#B07A00  
}
```

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 #B07A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B07A00  
}
```

## Border

The CSS property to change the border of an element to Hex B07A00 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  
#B07A00 }
```

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

```
.border{ border-color:#B07A00 }
```

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

Here you see how a box with a 4 pixel #B07A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B07A00; -webkit-box-shadow:4px 4px  
4px 4px #B07A00; box-shadow:4px 4px 4px  
4px #B07A00 }
```

# Background

The CSS property to change the background color of an element to Hex B07A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B07A00 }
```

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

```
.background{ background-color:#B07A00 }
```

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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