

# Converting Colors

Hex(B07D00)

Have a look what the booklet for  
Hex(B07D00) contains.

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**Color**

**Hex(B07D00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B07D00
RGB	176, 125, 0
RGB Percent	69%, 49%, 0%
CMY	0.3098, 0.5098, 1.0000
CMYK	0.00, 0.29, 1.00, 0.31
HSL	43°, 100%, 35%
HSV	43°, 100%, 69%
XYZ	25.2381, 23.8973, 3.2825
YIQ	125.9990, 70.5210, -28.0630

# Conversions

## Conversions Part 2

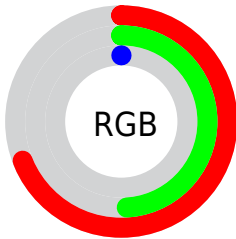
Format	Color
<a href="#">RYB</a>	<a href="#">72, 176, 0</a>
Decimal	<a href="#">11566336</a>
CIELab	<a href="#">55.98, 11.09, 61.87</a>
CIElCh	<a href="#">56, 62.853, 79.834</a>
Yxy	<a href="#">23.8973, 0.4815, 0.4559</a>
Android (android.graphics.Color)	<a href="#">4289756416</a> ( <a href="#">0xFFB07D00</a> )
YUV	<a href="#">125.9990, -62.1175, 43.8509</a>
Hunter-Lab	<a href="#">48.8849, 6.6067, 30.2383</a>

# Details

The Hex color **B07D00** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **0033B0**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **ECB144**, and **764C00** is the 20% darker color. If you saturate the color by 10%, you get **B07D00**, and if you desaturate by 10%, it is **B08212**.

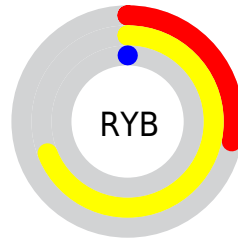
# Distribution



Red (69%)

Green (49%)

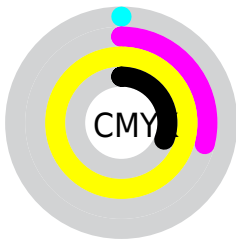
Blue (0%)



Red (28%)

Yellow (69%)

Blue (0%)

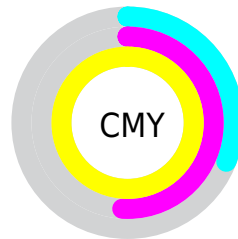


Cyan (0%)

Magenta (29%)

Yellow (100%)

Black (31%)



Cyan (31%)

Magenta (51%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B07D00 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 B07D00 by changing the saturation by 10% instead.



 B07D00

 B07D00

FFFFFF

 936400

 ECB144

 764C00

 FFCD5E

 5A3600

 FFE979

 3F2100

 FFFF95

 260C00

 FFFFB0

 000000

 FFFFCD

 FFFFEA

 B07D00

 B08212

 B08723

 B08C35

 B09146

 B09758

 B09C6A

 B0A17B

 B0A68D

 B0AB9E

# Harmonies

## Analogous

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



D56633



B07D00



7E8E03

# Triad

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



B07D00



009FAA



B567CD

# Complementary

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



B07D00



0033B0

# 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.



5F80EE



B07D00



009CD9

# Square

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



B07D00



009E71



0092F2



DF519B

# Rectangle

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



B07D00



549629



0092F2



9F6FDB



# Sweetspot

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



B07D00



E6D2A1



B00035



736749



F2F2F2



737373



# Same Dimension

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



B07D00



E6A300



8DB000



595750



996D00



1A1200



# Inverse Universe

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



0033B0



0043E6



2300B0



505359



002C99

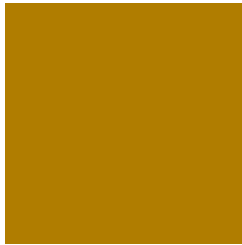


00071A



# Previews

## White Background



This preview shows how the Hex color B07D00 looks on a white background.

## Color Contrast Check

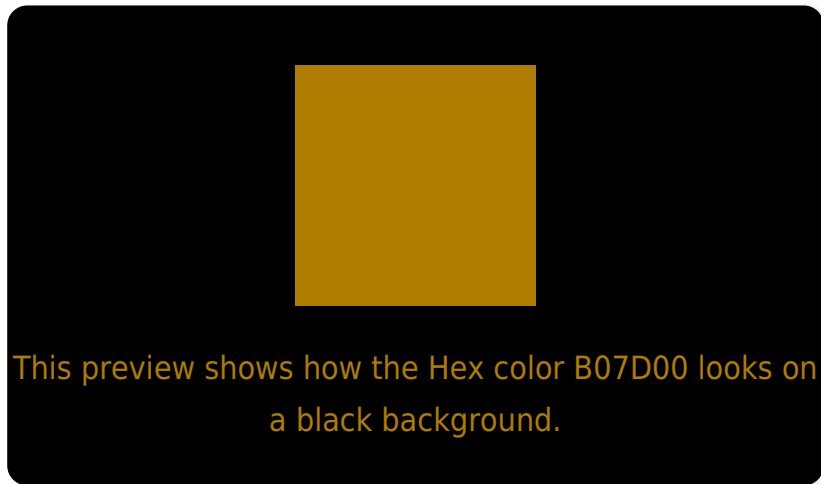
Large Text (above 18pt) WCAG AA ✓ Pass

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 B07D00 Background



This preview shows how black text looks on a background with the Hex color B07D00.



This preview shows how white text looks on a background with the Hex color B07D00.

# 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**  
B07D00

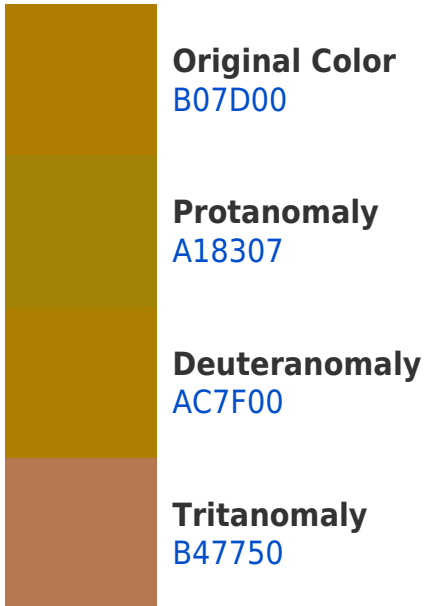
**Protanopia**  
98870B

**Deuteranopia**  
AA8000



**Tritanopia**  
B6747D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B07D00 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 #B07D00 looks like.

```
.text, #text, p{  
    color:#B07D00  
}
```

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 #B07D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B07D00
}
```

## Border

The CSS property to change the border of an element to Hex B07D00 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
#B07D00 }
```

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

```
.border{ border-color:#B07D00 }
```

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

Here you see how a box with a 4 pixel #B07D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B07D00; -webkit-box-shadow:4px 4px  
4px 4px #B07D00; box-shadow:4px 4px 4px  
4px #B07D00 }
```

# Background

The CSS property to change the background color of an element to Hex B07D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B07D00 }
```

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

```
.background{ background-color:#B07D00 }
```

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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