

Converting Colors

Hex(B07600)

Have a look what the booklet for
Hex(B07600) contains.

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Color

Hex(B07600)

Conversions

Conversions Part 1

Format	Color
Hex	B07600
RGB	176, 118, 0
RGB Percent	69%, 46%, 0%
CMY	0.3098, 0.5373, 1.0000
CMYK	0.00, 0.33, 1.00, 0.31
HSL	40°, 100%, 35%
HSV	40°, 100%, 69%
XYZ	24.3829, 22.1870, 2.9974
YIQ	121.8900, 72.4460, -24.4020

Conversions

Conversions Part 2

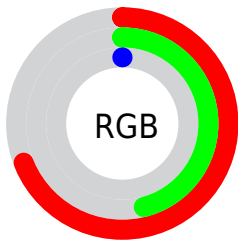
Format	Color
RYB	87, 176, 0
Decimal	11564544
CIELab	54.22, 15.01, 60.69
CIElCh	54, 62.517, 76.109
Yxy	22.1870, 0.4919, 0.4476
Android (android.graphics.Color)	4289754624 (0xFFB07600)
YUV	121.8900, -60.0918, 47.4545
Hunter-Lab	47.1030, 9.9703, 29.1992

Details

The Hex color **B07600** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **003AB0**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **ECAA42**, and **764600** is the 20% darker color. If you saturate the color by 10%, you get **B07600**, and if you desaturate by 10%, it is **B07C12**.

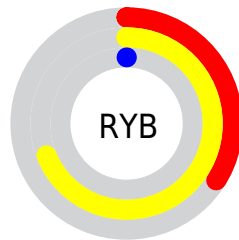
Distribution



Red (69%)

Green (46%)

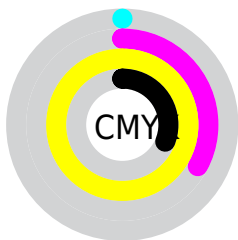
Blue (0%)



Red (34%)

Yellow (69%)

Blue (0%)

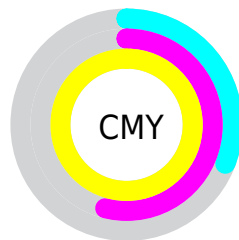


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (31%)



Cyan (31%)

Magenta (54%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B07600 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 B07600 by changing the saturation by 10% instead.

 B07600

 B07600

FFFFFF

 935D00

 ECAA42

 764600

 FFC55D

 592F00

 FFE178

 3E1A00

 FFFE93

 260300

 FFFFAE

 000000

 FFFFCB

 FFFF7E

 B07600

 B07C12

 B08223

 B08735

 B08D46

 B09358

 B0996A

 B09F7B

 B0A48D

 B0AA9E

Harmonies

Analogous

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



D35F35



B07600



808800

Triad

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



B07600



009B9E



A865CD

Complementary

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



B07600



003AB0

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.



477EEA



B07600



0098CF

Square

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



B07600



009966



008FEB



D64E9D

Rectangle

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



B07600



58901E



008FEB



906EDA

Sweetspot

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



B07600



E6CFA1



B0003B



736549



F2F2F2



737373

Same Dimension

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



B07600



E69A00



93B000



595650



996700



1A1100

Inverse Universe

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



003AB0



004CE6



1D00B0



505359



003299



00081A

Previews

White Background



This preview shows how the Hex color B07600 looks on a white background.

Color Contrast Check

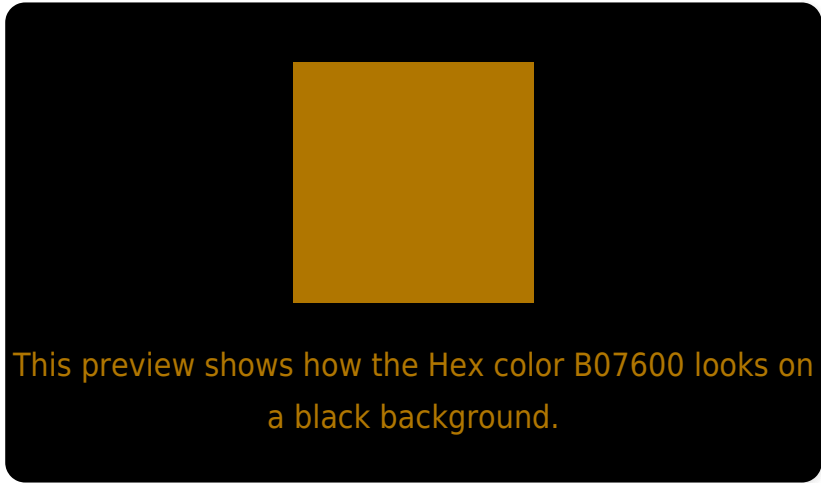
Large Text (above 18pt) WCAG AA ✓ Pass

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 B07600 Background



This preview shows how black text looks on a background with the Hex color B07600.



This preview shows how white text looks on a background with the Hex color B07600.

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
B07600

Protanopia
93830C

Deuteranopia
A57B00



Tritanopia
B56E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B07600 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 #B07600 looks like.

```
.text, #text, p{  
    color:#B07600  
}
```

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 #B07600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B07600
}
```

Border

The CSS property to change the border of an element to Hex B07600 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
#B07600 }
```

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

```
.border{ border-color:#B07600 }
```

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

Here you see how a box with a 4 pixel #B07600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B07600; -webkit-box-shadow:4px 4px  
4px 4px #B07600; box-shadow:4px 4px 4px  
4px #B07600 }
```

Background

The CSS property to change the background color of an element to Hex B07600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B07600 }
```

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

```
.background{ background-color:#B07600 }
```

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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