

Converting Colors

Hex(0B7000)

Have a look what the booklet for
Hex(0B7000) contains.

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Color

Hex(0B7000)

Conversions

Conversions Part 1

Format	Color
Hex	0B7000
RGB	11, 112, 0
RGB Percent	4%, 44%, 0%
CMY	0.9569, 0.5608, 1.0000
CMYK	0.90, 0.00, 1.00, 0.56
HSL	114°, 100%, 22%
HSV	114°, 100%, 44%
XYZ	5.9322, 11.6595, 1.9378
YIQ	69.0330, -24.2440, -56.2440

Conversions

Conversions Part 2

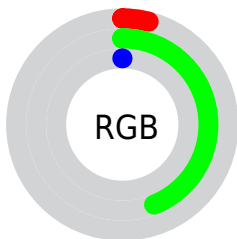
Format	Color
RYB	0, 112, 101
Decimal	749568
CIELab	40.67, -45.93, 45.49
CIELCh	41, 64.646, 135.278
Yxy	11.6595, 0.3038, 0.5970
Android (android.graphics.Color)	4278939648 (0xFF0B7000)
YUV	69.0330, -34.0333, -50.8949
Hunter-Lab	34.1460, -28.7447, 20.5374

Details

The Hex color **0B7000** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **650070**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **50A53C**, and **003E00** is the 20% darker color. If you saturate the color by 10%, you get **0B7000**, and if you desaturate by 10%, it is **15700B**.

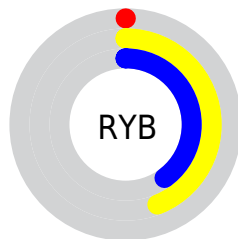
Distribution



Red (4%)

Green (44%)

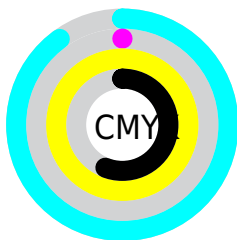
Blue (0%)



Red (0%)

Yellow (44%)

Blue (40%)

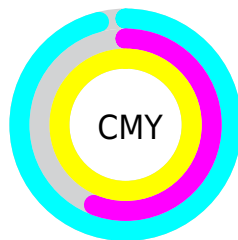


Cyan (90%)

Magenta (0%)

Yellow (100%)

Black (56%)



Cyan (96%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B7000 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 0B7000 by changing the saturation by 10% instead.

 0B7000

 0B7000

 FFFFA

 005700

 50A53C

 003E00

 6CC055

 002A00

 88DD6F

 000500

 A4F98A

 000000

 C1FFA5

 DEFFC1

 FBFFDD

 0B7000

 15700B

 1F7016

 297022

 33702D

 3E7038

 487043

 52704E

 5C705A

 667065

Harmonies

Analogous

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



5C6600



0B7000



007543

Triad

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



0B7000



006EC7



BB1848

Complementary

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



0B7000



650070

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.



AF207C



0B7000



005DC7

Square

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



0B7000



0075AB



8242AB



AC3913

Rectangle

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



0B7000



007668



8242AB



BA1359

Sweetspot

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



0B7000



6A9166



706500



324A2F



C9C9C9



4A4A4A

Same Dimension

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



0B7000



0E9100



00702D



333832



0C7800



18F700

Inverse Universe

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



650070



830091



700043



383238



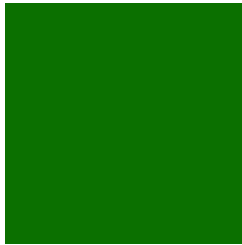
6C0078



DF00F7

Previews

White Background



This preview shows how the Hex color 0B7000 looks on a white background.

Color Contrast Check

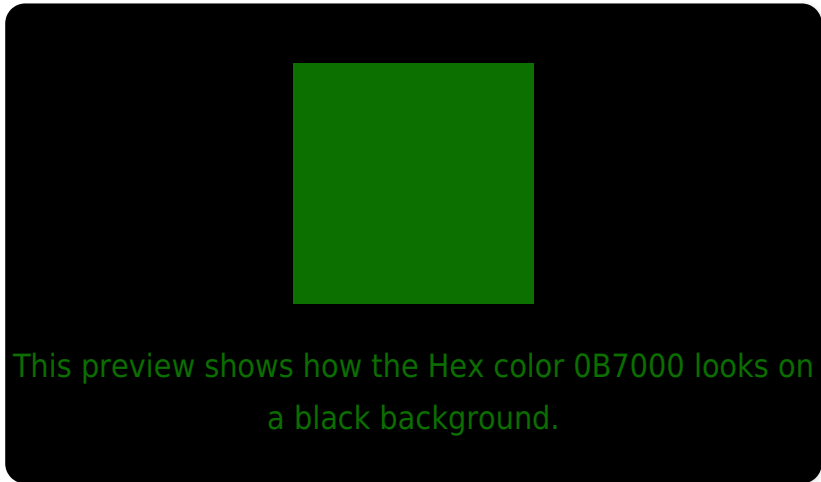
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

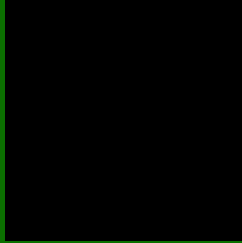
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0B7000 Background



This preview shows how black text looks on a background with the Hex color 0B7000.



This preview shows how white text looks on a background with the Hex color 0B7000.

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
0B7000

Protanopia
6C6000

Deuteranopia
785B18



Tritanopia
306871

Trichromacy



Original Color
0B7000



Protanomaly
496600



Deuteranomaly
50630F

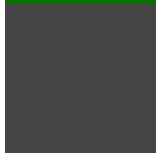


Tritanomaly
236B48

Monochromacy



Original Color
0B7000



Achromatopsia
454545



Achromatomaly
30552C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B7000 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 #0B7000 looks like.

```
.text, #text, p{  
    color:#0B7000  
}
```

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 #0B7000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B7000
}
```

Border

The CSS property to change the border of an element to Hex 0B7000 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
#0B7000 }
```

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

```
.border{ border-color:#0B7000 }
```

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

Here you see how a box with a 4 pixel #0B7000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B7000; -webkit-box-shadow:4px 4px  
4px 4px #0B7000; box-shadow:4px 4px 4px  
4px #0B7000 }
```

Background

The CSS property to change the background color of an element to Hex 0B7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B7000 }
```

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

```
.background{ background-color:#0B7000 }
```

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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