

Converting Colors

Hex(07B000)

Have a look what the booklet for
Hex(07B000) contains.

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Color

Hex(07B000)

Conversions

Conversions Part 1

Format	Color
Hex	07B000
RGB	7, 176, 0
RGB Percent	3%, 69%, 0%
CMY	0.9725, 0.3098, 1.0000
CMYK	0.96, 0.00, 1.00, 0.31
HSL	118°, 100%, 35%
HSV	118°, 100%, 69%
XYZ	15.6130, 31.0958, 5.1792
YIQ	105.4050, -44.2280, -90.5640

Conversions

Conversions Part 2

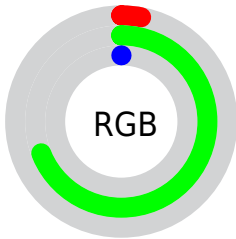
Format	Color
RYB	0, 176, 169
Decimal	503808
CIELab	62.59, -64.91, 63.03
CIELCh	63, 90.479, 135.841
Yxy	31.0958, 0.3009, 0.5993
Android (android.graphics.Color)	4278693888 (0xFF07B000)
YUV	105.4050, -51.9647, -86.3012
Hunter-Lab	55.7636, -47.6091, 33.5278

Details

The Hex color **07B000** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **A900B0**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **62E94B**, and **007A00** is the 20% darker color. If you saturate the color by 10%, you get **07B000**, and if you desaturate by 10%, it is **18B012**.

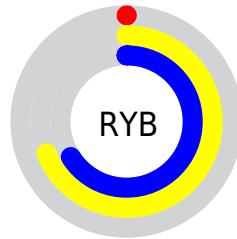
Distribution



Red (3%)

Green (69%)

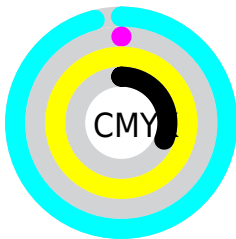
Blue (0%)



Red (0%)

Yellow (69%)

Blue (66%)

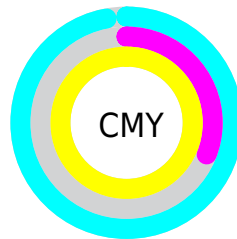


Cyan (96%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (97%)

Magenta (31%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07B000 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 07B000 by changing the saturation by 10% instead.

 07B000

 07B000

FFFFFF

 009400

 62E94B

 007A00

 82FF67

 005F00

 A1FF83

 004600

 BFFF9F

 002F00

 DEFFBB

 001000

 FDFFD8

 000000

 FFFFF6

 07B000

 18B012

 29B023

 3AB035

 4BB046

 5BB058

 6CB06A

 7DB07B

 8EB08D

 9FB09E

Harmonies

Analogous

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



90A100



07B000



00B76D

Triad

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



07B000



00ACFF



FF2971

Complementary

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



07B000



A900B0

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.



FF34C1



07B000



0093FF

Square

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



07B000



00B7FF



CD6AFF



FF5C20

Rectangle

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



07B000



00B9A6



CD6AFF



FF1F8B

Sweetspot

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



07B000



A3E6A1



B0A700



4B7349



F2F2F2



737373

Same Dimension

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



07B000



09E600



00B04F



515950



069900



011A00

Inverse Universe

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



A900B0



DC00E6



B00061



595059



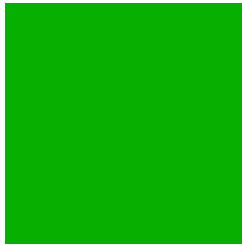
930099



18001A

Previews

White Background



This preview shows how the Hex color 07B000 looks on a white background.

Color Contrast Check

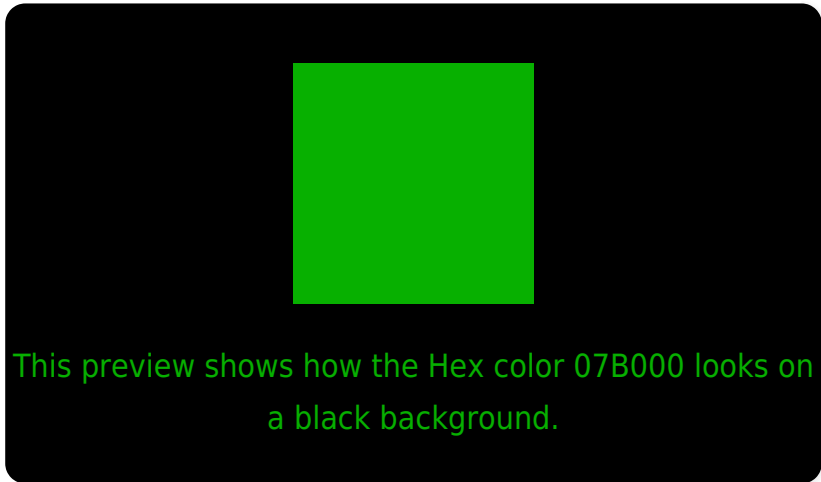
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex 07B000 Background



This preview shows how black text looks on a background with the Hex color 07B000.



This preview shows how white text looks on a background with the Hex color 07B000.

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
07B000

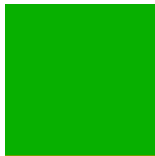
Protanopia
AA9700

Deuteranopia
BD8F26



Tritanopia
4AA4B1

Trichromacy



Original Color
07B000



Protanomaly
6FA000



Deuteranomaly
7B9B18



Tritanomaly
32A871

Monochromacy



Original Color
07B000



Achromatopsia
696969



Achromatomaly
458343

CSS Examples

Text

The CSS property to change the color of the text to Hex 07B000 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 #07B000 looks like.

```
.text, #text, p{  
    color:#07B000  
}
```

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 #07B000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07B000
}
```

Border

The CSS property to change the border of an element to Hex 07B000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

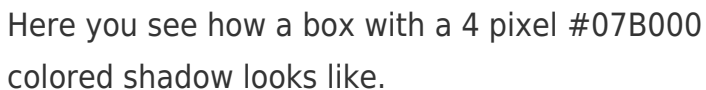
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#07B000 }
```

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

```
.border{ border-color:#07B000 }
```

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



Here you see how a box with a 4 pixel #07B000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07B000; -webkit-box-shadow:4px 4px  
4px 4px #07B000; box-shadow:4px 4px 4px  
4px #07B000 }
```

Background

The CSS property to change the background color of an element to Hex 07B000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07B000 }
```

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

```
.background{ background-color:#07B000 }
```

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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