

Converting Colors

Hex(007B0C)

Have a look what the booklet for
Hex(007B0C) contains.

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Color

Hex(007B0C)

Conversions

Conversions Part 1

Format	Color
Hex	007B0C
RGB	0, 123, 12
RGB Percent	0%, 48%, 5%
CMY	1.0000, 0.5176, 0.9529
CMYK	1.00, 0.00, 0.90, 0.52
HSL	126°, 100%, 24%
HSV	126°, 100%, 48%
XYZ	7.1493, 14.1925, 2.7104
YIQ	73.5690, -37.6770, -60.5970

Conversions

Conversions Part 2

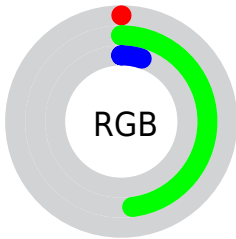
Format	Color
RYB	0, 112, 123
Decimal	31500
CIELab	44.51, -49.75, 45.93
CIELCh	45, 67.705, 137.286
Yxy	14.1925, 0.2972, 0.5901
Android (android.graphics.Color)	4278221580 (0xFF007B0C)
YUV	73.5690, -30.3535, -64.5200
Hunter-Lab	37.6729, -32.0530, 22.1053

Details

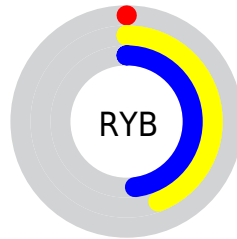
The Hex color **007B0C** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7B006F**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **4FB144**, and **004800** is the 20% darker color. If you saturate the color by 10%, you get **007B0C**, and if you desaturate by 10%, it is **0C7B17**.

Distribution



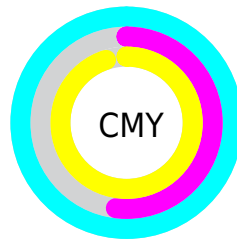
- Red (0%)
- Green (48%)
- Blue (5%)



- Red (0%)
- Yellow (44%)
- Blue (48%)



- Cyan (100%)
- Magenta (0%)
- Yellow (90%)
- Black (52%)



- Cyan (100%)
- Magenta (52%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007B0C 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 007B0C by changing the saturation by 10% instead.

 007B0C

 007B0C

FFFFFF

 006100

 4FB144

 004800

 6CCD5E

 003100

 89E978

 001800

 A5FF93

 000000

 C2FFAE

 E0FFCA


 FEF7E7

 007B0C

 0C7B17

 197B22

 257B2D

 317B38

 3E7B44

 4A7B4F

 567B5A

 627B65

 6F7B70

Harmonies

Analogous

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



627100



007B0C



00804E

Triad

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



007B0C



0077D8



CA224C

Complementary

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



007B0C



7B006F

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.



C02584



007B0C



0265D6

Square

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



007B0C



007FBC



9348B7



B84213

Rectangle

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



007B0C



008176



9348B7



CA1C5E

Sweetspot

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



007B0C



70A175



717B00



345237



D1D1D1



525252

Same Dimension

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



007B0C



00A110



007B48



373D38



007D0C



00FC19

Inverse Universe

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



7B006F



A10091



7B0033



3D373D



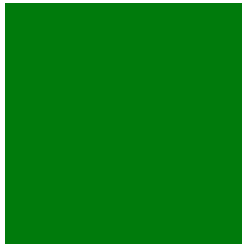
7D0071



FC00E4

Previews

White Background



This preview shows how the Hex color 007B0C looks on a white background.

Color Contrast Check

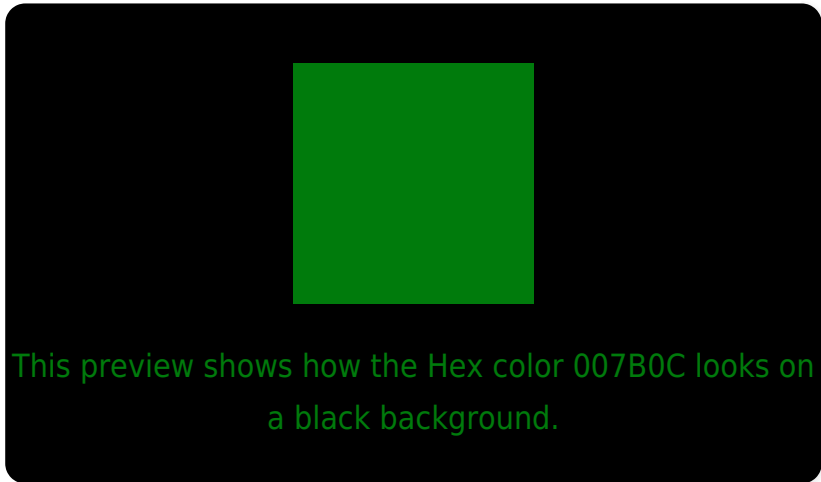
Large Text (above 18pt) WCAG AA ✓ Pass

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

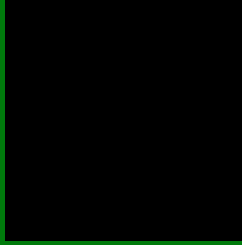
Any Text WCAG AA × Fail

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 007B0C Background



This preview shows how black text looks on a background with the Hex color 007B0C.



This preview shows how white text looks on a background with the Hex color 007B0C.

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
007B0C

Protanopia
776900

Deuteranopia
84641D



Tritanopia
34727C

Trichromacy



Original Color
007B0C



Protanomaly
4C7004



Deuteranomaly
546C17



Tritanomaly
217553

Monochromacy



Original Color
007B0C



Achromatopsia
4A4A4A



Achromatomaly
2F5C33

CSS Examples

Text

The CSS property to change the color of the text to Hex 007B0C 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 #007B0C looks like.

```
.text, #text, p{  
    color:#007B0C  
}
```

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 #007B0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007B0C
}
```

Border

The CSS property to change the border of an element to Hex 007B0C 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".

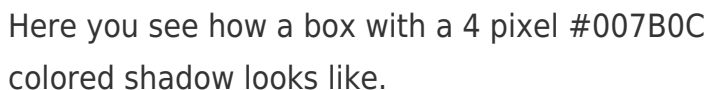
```
.border, #border, table{ border:4px solid
#007B0C }
```

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

```
.border{ border-color:#007B0C }
```

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

Here you see how a box with a 4 pixel #007B0C colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007B0C; -webkit-box-shadow:4px 4px  
4px 4px #007B0C; box-shadow:4px 4px 4px  
4px #007B0C }
```

Background

The CSS property to change the background color of an element to Hex 007B0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007B0C }
```

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

```
.background{ background-color:#007B0C }
```

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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