

# Converting Colors

Hex(006B0B)

Have a look what the booklet for  
Hex(006B0B) contains.

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# Color

Hex(006B0B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	006B0B
RGB	0, 107, 11
RGB Percent	0%, 42%, 4%
CMY	1.0000, 0.5804, 0.9569
CMYK	1.00, 0.00, 0.90, 0.58
HSL	126°, 100%, 21%
HSV	126°, 100%, 42%
XYZ	5.3181, 10.5396, 2.0707
YIQ	64.0630, -32.9560, -52.5400

# Conversions

## Conversions Part 2

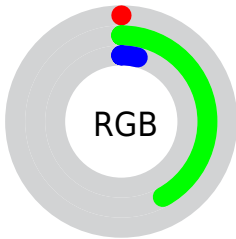
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 97, 107
Decimal	27403
CIELab	38.79, -44.94, 41.09
CIELCh	39, 60.893, 137.565
Yxy	10.5396, 0.2966, 0.5879
Android (android.graphics.Color)	4278217483 (0xFF006B0B)
YUV	64.0630, -26.1601, -56.1833
Hunter-Lab	32.4647, -27.5728, 18.9437

# Details

The Hex color **006B0B** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6B0060**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **4AA040**, and **003A00** is the 20% darker color. If you saturate the color by 10%, you get **006B0B**, and if you desaturate by 10%, it is **0B6B15**.

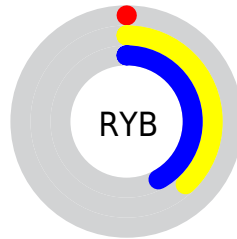
# Distribution



Red (0%)

Green (42%)

Blue (4%)



Red (0%)

Yellow (38%)

Blue (42%)

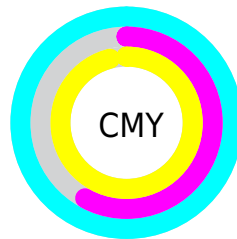


Cyan (100%)

Magenta (0%)

Yellow (90%)

Black (58%)



Cyan (100%)

Magenta (58%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 006B0B 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 006B0B by changing the saturation by 10% instead.



 006B0B

 006B0B

FFFFFFE

 005200

 4AA040

 003A00

 66BB5A

 002500

 82D773

 000000

 9EF48E

 BAFFA9

 D7FFC5

 F4FFE1

 006B0B

 0B6B15

 156B1E

 206B28

 2B6B31

 366B3B

 406B45

 4B6B4E

 566B58

 606B61

# Harmonies

## Analogous

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



546200



006B0B



006F44

# Triad

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



006B0B



0067BD



B01D41

# Complementary

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



006B0B



6B0060

# 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.



A82072



006B0B



0C57BB

# Square

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



006B0B



006FA4



803E9F



A13910

# Rectangle

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



006B0B



007167



803E9F



B01851



# Sweetspot

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



006B0B



628C67



606B00



2E4730



C7C7C7



474747



# Same Dimension

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



006B0B



008C0E



006B40



303631



00750C



00F519



# Inverse Universe

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



6B0060



8C007E



6B002B



363035



750069

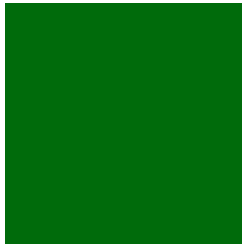


F500DC



# Previews

## White Background



This preview shows how the Hex color 006B0B looks on a white background.

## Color Contrast Check

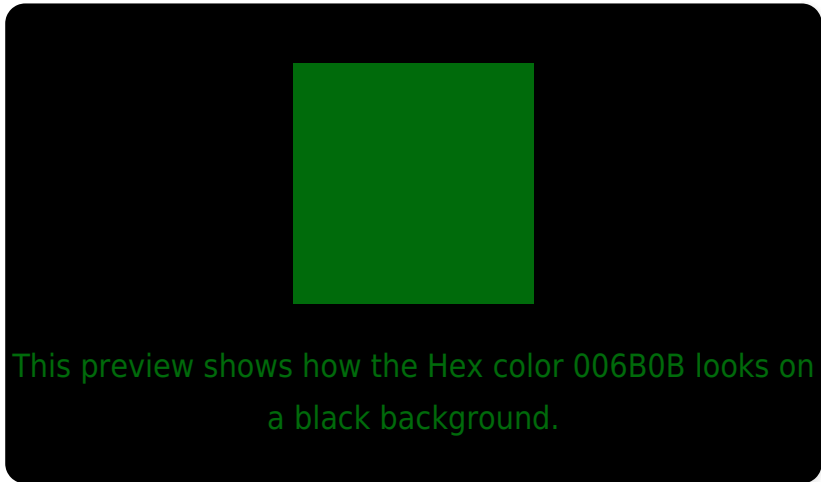
Large Text (above 18pt) WCAG AA ✓ Pass

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 006B0B Background



This preview shows how black text looks on a background with the Hex color 006B0B.



This preview shows how white text looks on a background with the Hex color 006B0B.

# 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**  
006B0B

**Protanopia**  
675C02

**Deuteranopia**  
735719



**Tritanopia**  
2D646C

# Trichromacy



**Original Color**  
006B0B



**Protanomaly**  
426105



**Deuteranomaly**  
495E14



**Tritanomaly**  
1D6749

# Monochromacy



**Original Color**  
006B0B



**Achromatopsia**  
404040



**Achromatomaly**  
29502D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006B0B 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 #006B0B looks like.

```
.text, #text, p{  
    color:#006B0B  
}
```

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 #006B0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006B0B
}
```

## Border

The CSS property to change the border of an element to Hex 006B0B is called "border". The border property can be set on classes, ids or directly on the HTML element.

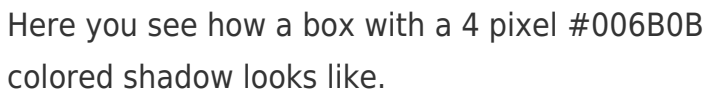
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#006B0B }
```

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

```
.border{ border-color:#006B0B }
```

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



Here you see how a box with a 4 pixel #006B0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006B0B; -webkit-box-shadow:4px 4px  
4px 4px #006B0B; box-shadow:4px 4px 4px  
4px #006B0B }
```

# Background

The CSS property to change the background color of an element to Hex 006B0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006B0B }
```

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

```
.background{ background-color:#006B0B }
```

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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