

# Converting Colors

Hex(063B0B)

Have a look what the booklet for  
Hex(063B0B) contains.

<b>Hex(063B0B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(063B0B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	063B0B
RGB	6, 59, 11
RGB Percent	2%, 23%, 4%
CMY	0.9765, 0.7686, 0.9569
CMYK	0.90, 0.00, 0.81, 0.77
HSL	126°, 82%, 13%
HSV	126°, 90%, 23%
XYZ	1.6995, 3.1908, 0.8429
YIQ	37.6810, -16.1800, -26.1640

# Conversions

## Conversions Part 2

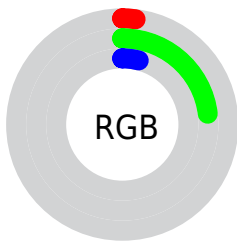
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 54, 59
Decimal	408331
CIELab	20.79, -27.84, 23.79
CIELCh	21, 36.623, 139.484
Yxy	3.1908, 0.2964, 0.5565
Android (android.graphics.Color)	4278598411 (0xFF063B0B)
YUV	37.6810, -13.1537, -27.7842
Hunter-Lab	17.8628, -14.2774, 9.7062

# Details

The Hex color **063B0B** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3B0636**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **3B6B38**, and **000500** is the 20% darker color. If you saturate the color by 10%, you get **003B06**, and if you desaturate by 10%, it is **0C3B10**.

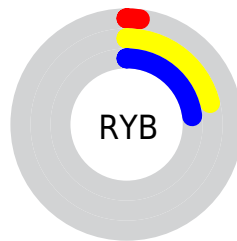
# Distribution



Red (2%)

Green (23%)

Blue (4%)



Red (2%)

Yellow (21%)

Blue (23%)

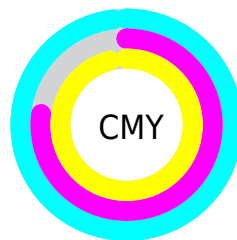


Cyan (90%)

Magenta (0%)

Yellow (81%)

Black (77%)



Cyan (98%)

Magenta (77%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 063B0B 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 063B0B by changing the saturation by 10% instead.



 063B0B

 063B0B

 F7FFEE

 002500

 3B6B38

 000500

 54854F

 000000

 6D9F67

 87BA81

 A2D69B

 BEF2B6

 DAFFD2

 063B0B

 063B0B

■ 003B06

■ 0C3B10

■ 123B16

■ 183B1B

■ 1E3B20

■ 233B26

■ 293B2B

■ 2F3B30

■ 353B36

■ 3B3B3B

# Harmonies

## Analogous

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



2E3600



063B0B



003D27

# Triad

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



063B0B



003867



611522

# Complementary

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



063B0B



3B0636

# 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.



5D153D



063B0B



192F65

# Square

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



063B0B



003D5B



482255



582107

# Rectangle

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



063B0B



003E3A



482255



61132B



# Sweetspot

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



063B0B



384D3A



373B06



1A261B



A6A6A6



262626



# Same Dimension

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



063B0B



004D07



063B25



1C1F1C



005E09



00DE15



# Inverse Universe

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



3B0636



4D0045



3B061C



1F1C1E



5E0055

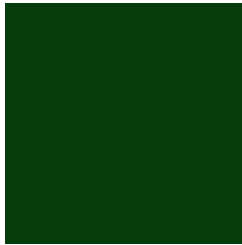


DE00C9



# Previews

## White Background



This preview shows how the Hex color 063B0B looks on a white background.

## Color Contrast Check

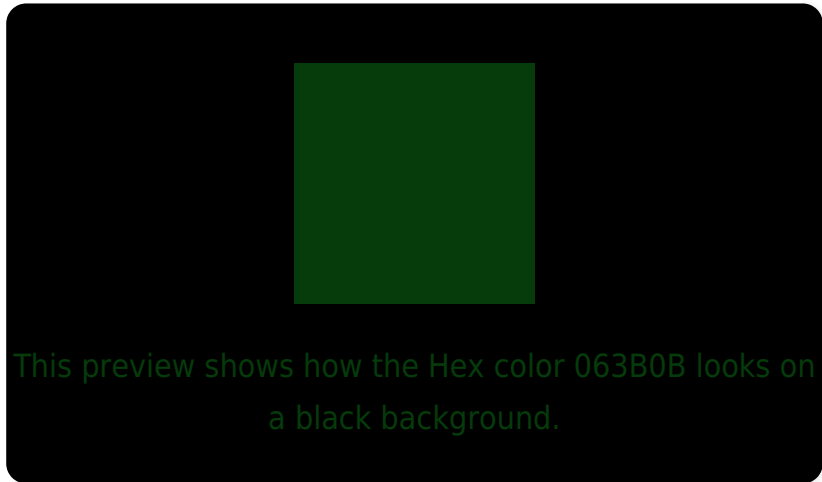
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

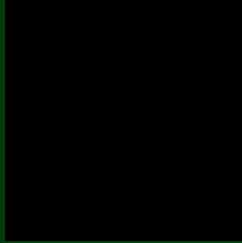
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 063B0B Background



This preview shows how black text looks on a background with the Hex color 063B0B.



This preview shows how white text looks on a background with the Hex color 063B0B.

# 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**  
063B0B

**Protanopia**  
393309

**Deuteranopia**  
3F3011



**Tritanopia**  
19373B

# Trichromacy



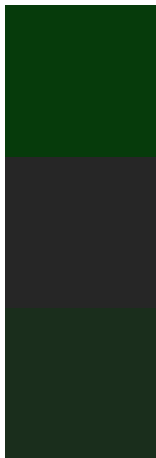
**Original Color**  
063B0B

**Protanomaly**  
26360A

**Deuteranomaly**  
2A340F

**Tritanomaly**  
12382A

# Monochromacy



**Original Color**  
063B0B

**Achromatopsia**  
262626

**Achromatomaly**  
1A2E1C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 063B0B 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 #063B0B looks like.

```
.text, #text, p{  
    color:#063B0B  
}
```

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 #063B0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #063B0B
}
```

## Border

The CSS property to change the border of an element to Hex 063B0B 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
#063B0B }
```

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

```
.border{ border-color:#063B0B }
```

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

Here you see how a box with a 4 pixel #063B0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #063B0B; -webkit-box-shadow:4px 4px  
4px 4px #063B0B; box-shadow:4px 4px 4px  
4px #063B0B }
```

# Background

The CSS property to change the background color of an element to Hex 063B0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#063B0B }
```

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

```
.background{ background-color:#063B0B }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor