

# Converting Colors

Hex(003B0A)

Have a look what the booklet for  
Hex(003B0A) contains.

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# Color

**Hex(003B0A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	003B0A
RGB	0, 59, 10
RGB Percent	0%, 23%, 4%
CMY	1.0000, 0.7686, 0.9608
CMYK	1.00, 0.00, 0.83, 0.77
HSL	130°, 100%, 12%
HSV	130°, 100%, 23%
XYZ	1.6188, 3.1498, 0.8098
YIQ	35.7730, -19.4350, -27.7470

# Conversions

## Conversions Part 2

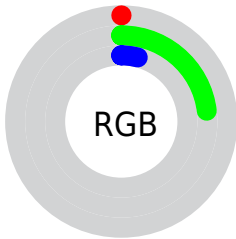
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 50, 59
Decimal	15114
CIELab	20.63, -29.26, 23.99
CIELCh	21, 37.842, 140.652
Yxy	3.1498, 0.2902, 0.5646
Android (android.graphics.Color)	4278205194 (0xFF003B0A)
YUV	35.7730, -12.7061, -31.3729
Hunter-Lab	17.7478, -14.7779, 9.7181

# Details

The Hex color **003B0A** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3B0031**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **376B37**, and **000400** is the 20% darker color. If you saturate the color by 10%, you get **003B0A**, and if you desaturate by 10%, it is **063B0F**.

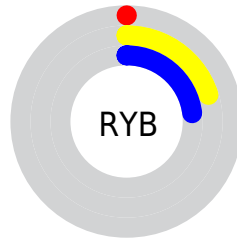
# Distribution



Red (0%)

Green (23%)

Blue (4%)



Red (0%)

Yellow (20%)

Blue (23%)

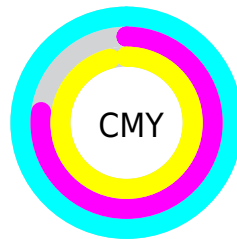


Cyan (100%)

Magenta (0%)

Yellow (83%)

Black (77%)



Cyan (100%)

Magenta (77%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 003B0A 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 003B0A by changing the saturation by 10% instead.



 003B0A

 003B0A

 F3FFED

 002500

 376B37

 000400

 50854E

 000000

 6A9F67

 84BA80

 9FD69A

 BAF3B5

 D6FFD1

 003B0A

■ 063B0F

■ 0C3B14

■ 123B19

■ 183B1E

■ 1D3B23

■ 233B27

■ 293B2C

■ 2F3B31

■ 353B36

# Harmonies

## Analogous

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



2D3600



003B0A



003D28

# Triad

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



003B0A



003869



621320

# Complementary

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



003B0A



3B0031

# 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.



5E123C



003B0A



1A2E66

# Square

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



003B0A



003C5C



4A2055



582103

# Rectangle

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



003B0A



003E3B



4A2055



621029



# Sweetspot

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



003B0A



364D39



313B00



18261B



A6A6A6



262626



# Same Dimension

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



003B0A



004D0D



003B27



1C1F1C



005E10



00DE26



# Inverse Universe

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



3B0031



4D0040



3B0014



1F1C1E



5E004E



DE00B8



# Previews

## White Background



This preview shows how the Hex color 003B0A looks on a white background.

## Color Contrast Check

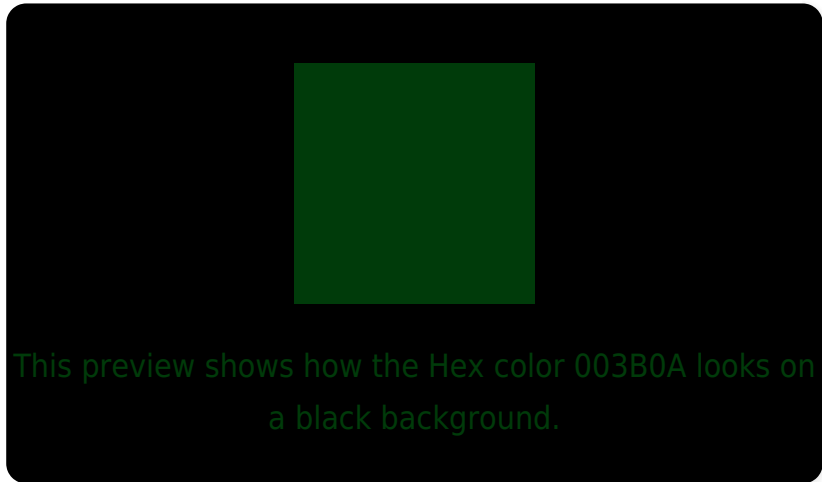
Large Text (above 18pt) WCAG AA ✓ Pass

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 003B0A Background



This preview shows how black text looks on a background with the Hex color 003B0A.



This preview shows how white text looks on a background with the Hex color 003B0A.

# 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**  
003B0A

**Protanopia**  
393308

**Deuteranopia**  
3F3010



**Tritanopia**  
19373B

# Trichromacy



**Original Color**

003B0A

**Protanomaly**

243609

**Deuteranomaly**

28340E

**Tritanomaly**

103829

# Monochromacy



**Original Color**

003B0A

**Achromatopsia**

242424

**Achromatomaly**

172C1B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 003B0A 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 #003B0A looks like.

```
.text, #text, p{  
    color:#003B0A  
}
```

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 #003B0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003B0A
}
```

## Border

The CSS property to change the border of an element to Hex 003B0A 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
#003B0A }
```

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

```
.border{ border-color:#003B0A }
```

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

Here you see how a box with a 4 pixel #003B0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003B0A; -webkit-box-shadow:4px 4px  
4px 4px #003B0A; box-shadow:4px 4px 4px  
4px #003B0A }
```

# Background

The CSS property to change the background color of an element to Hex 003B0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003B0A }
```

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

```
.background{ background-color:#003B0A }
```

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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