

Converting Colors

Hex(003B0C)

Have a look what the booklet for
Hex(003B0C) contains.

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Color

Hex(003B0C)

Conversions

Conversions Part 1

Format	Color
Hex	003B0C
RGB	0, 59, 12
RGB Percent	0%, 23%, 5%
CMY	1.0000, 0.7686, 0.9529
CMYK	1.00, 0.00, 0.80, 0.77
HSL	132°, 100%, 12%
HSV	132°, 100%, 23%
XYZ	1.6303, 3.1545, 0.8708
YIQ	36.0010, -20.0770, -27.1250

Conversions

Conversions Part 2

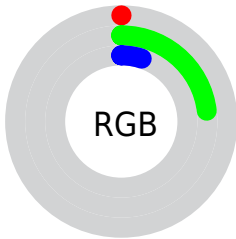
Format	Color
RYB	0, 49, 59
Decimal	15116
CIELab	20.65, -29.04, 23.15
CIELCh	21, 37.136, 141.432
Yxy	3.1545, 0.2883, 0.5578
Android (android.graphics.Color)	4278205196 (0xFF003B0C)
YUV	36.0010, -11.8325, -31.5729
Hunter-Lab	17.7608, -14.6964, 9.5257

Details

The Hex color **003B0C** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3B002F**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **376B38**, and **000400** is the 20% darker color. If you saturate the color by 10%, you get **003B0C**, and if you desaturate by 10%, it is **063B11**.

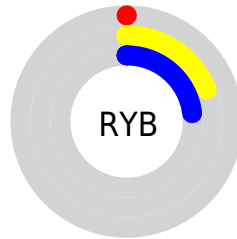
Distribution



Red (0%)

Green (23%)

Blue (5%)



Red (0%)

Yellow (19%)

Blue (23%)

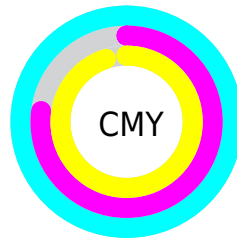


Cyan (100%)

Magenta (0%)

Yellow (80%)

Black (77%)



Cyan (100%)

Magenta (77%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003B0C 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 003B0C by changing the saturation by 10% instead.

 003B0C

 003B0C

 F3FFE9

 002500

 376B38

 000400

 508550

 000000

 6A9F68

 84BA82

 9FD69C

 BAF3B7

 D6FFD3

 003B0C

■ 063B11

■ 0C3B15

■ 123B1A

■ 183B1F

■ 1D3B23

■ 233B28

■ 293B2D

■ 2F3B32

■ 353B36

Harmonies

Analogous

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



2C3600



003B0C



003D29

Triad

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



003B0C



003768



611520

Complementary

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



003B0C



3B002F

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.



5E133B



003B0C



1D2E65

Square

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



003B0C



003C5C



4A2054



572103

Rectangle

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



003B0C



003E3C



4A2054



611229

Sweetspot

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



003B0C



364D3A



2F3B00



18261B



A6A6A6



262626

Same Dimension

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



003B0C



004D10



003B29



1C1F1C



005E13



00DE2D

Inverse Universe

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



3B002F



4D003D



3B0012



1F1C1E



5E004B



DE00B1

Previews

White Background



This preview shows how the Hex color 003B0C looks on a white background.

Color Contrast Check

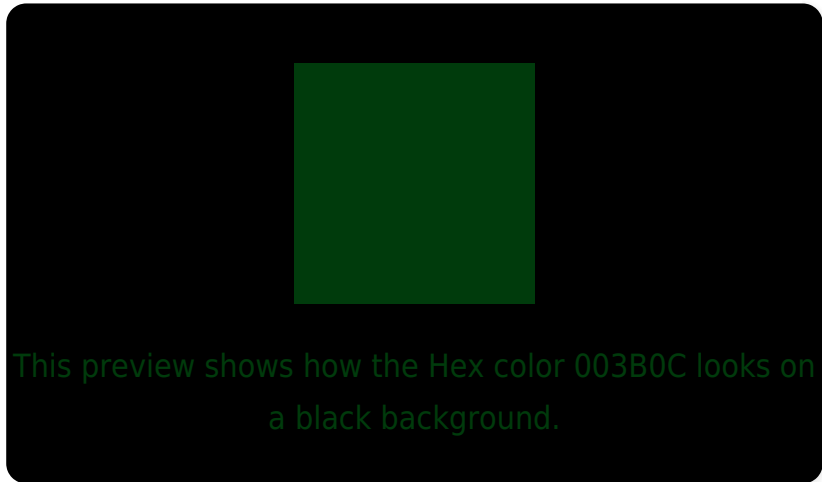
Large Text (above 18pt) WCAG AA ✓ Pass

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

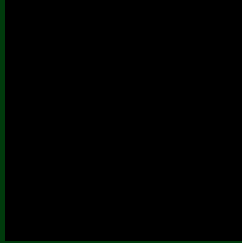
Any Text WCAG AA × Fail

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 003B0C Background



This preview shows how black text looks on a background with the Hex color 003B0C.



This preview shows how white text looks on a background with the Hex color 003B0C.

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
003B0C

Protanopia
39330A

Deuteranopia
3F3011



Tritanopia
18373B

Trichromacy



Original Color
003B0C

Protanomaly
24360B

Deuteranomaly
28340F

Tritanomaly
0F382A

Monochromacy



Original Color
003B0C

Achromatopsia
242424

Achromatomaly
172C1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 003B0C 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 #003B0C looks like.

```
.text, #text, p{  
    color:#003B0C  
}
```

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 #003B0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003B0C
}
```

Border

The CSS property to change the border of an element to Hex 003B0C 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
#003B0C }
```

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

```
.border{ border-color:#003B0C }
```

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

Here you see how a box with a 4 pixel #003B0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003B0C; -webkit-box-shadow:4px 4px  
4px 4px #003B0C; box-shadow:4px 4px 4px  
4px #003B0C }
```

Background

The CSS property to change the background color of an element to Hex 003B0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003B0C }
```

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

```
.background{ background-color:#003B0C }
```

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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