

Converting Colors

Hex(004B0C)

Have a look what the booklet for
Hex(004B0C) contains.

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Color

Hex(004B0C)

Conversions

Conversions Part 1

Format	Color
Hex	004B0C
RGB	0, 75, 12
RGB Percent	0%, 29%, 5%
CMY	1.0000, 0.7059, 0.9529
CMYK	1.00, 0.00, 0.84, 0.71
HSL	130°, 100%, 15%
HSV	130°, 100%, 29%
XYZ	2.5824, 5.0587, 1.1881
YIQ	45.3930, -24.4770, -35.4930

Conversions

Conversions Part 2

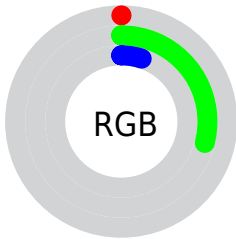
Format	Color
RYB	0, 65, 75
Decimal	19212
CIELab	26.90, -34.61, 29.61
CIELCh	27, 45.542, 139.451
Yxy	5.0587, 0.2925, 0.5729
Android (android.graphics.Color)	4278209292 (0xFF004B0C)
YUV	45.3930, -16.4627, -39.8097
Hunter-Lab	22.4916, -18.8652, 12.6120

Details

The Hex color **004B0C** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4B003F**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **3E7D3B**, and **002000** is the 20% darker color. If you saturate the color by 10%, you get **004B0C**, and if you desaturate by 10%, it is **074B12**.

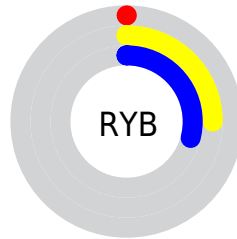
Distribution



Red (0%)

Green (29%)

Blue (5%)



Red (0%)

Yellow (25%)

Blue (29%)

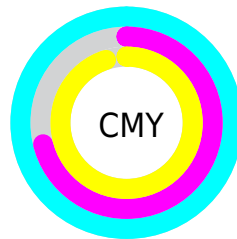


Cyan (100%)

Magenta (0%)

Yellow (84%)

Black (71%)



Cyan (100%)

Magenta (71%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004B0C 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 004B0C by changing the saturation by 10% instead.

 004B0C

 004B0C

 FEFFF4

 003400

 3E7D3B

 002000

 589753

 000000

 72B26C

 8DCE85

 A8EAA0

 C4FFBB

 E1FFD7

 004B0C

 074B12

 0F4B19

 174B1F

 1E4B25

 264B2C

 2D4B32

 354B38

 3C4B3E

 444B45

Harmonies

Analogous

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



394500



004B0C



004E32

Triad

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



004B0C



004785



7C182B

Complementary

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



004B0C



4B003F

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.



77174D



004B0C



1B3C82

Square

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



004B0C



004D74



5C2A6D



702908

Rectangle

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



004B0C



004F4A



5C2A6D



7C1436

Sweetspot

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



004B0C



446148



404B00



1F3022



B0B0B0



303030

Same Dimension

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



004B0C



006110



004B31



222623



006610



00E625

Inverse Universe

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



4B003F



610051



4B001A



262226



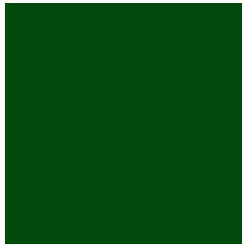
660056



E600C1

Previews

White Background



This preview shows how the Hex color 004B0C looks on a white background.

Color Contrast Check

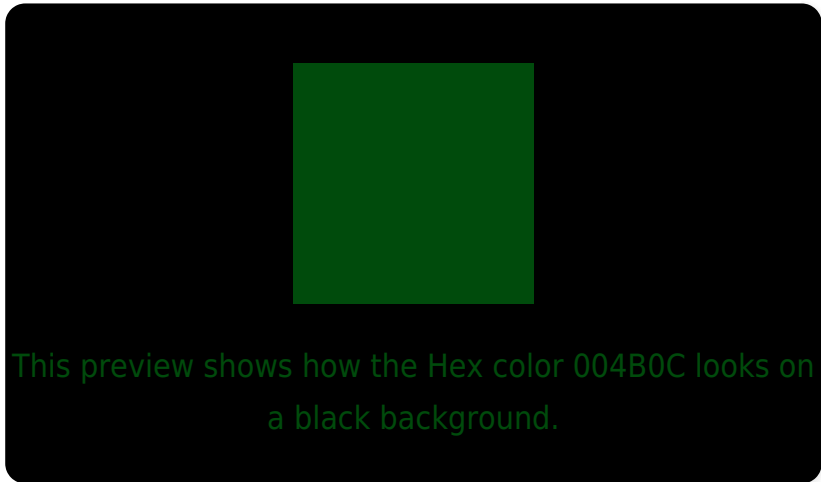
Large Text (above 18pt) WCAG AA ✓ Pass

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

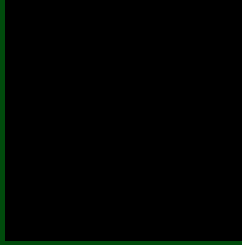
Any Text WCAG AA × Fail

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 004B0C Background



This preview shows how black text looks on a background with the Hex color 004B0C.



This preview shows how white text looks on a background with the Hex color 004B0C.

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
004B0C

Protanopia
484009

Deuteranopia
503D14



Tritanopia
1F464B

Trichromacy



Original Color
004B0C



Protanomaly
2E440A



Deuteranomaly
334211



Tritanomaly
144834

Monochromacy



Original Color
004B0C



Achromatopsia
2D2D2D



Achromatomaly
1D3821

CSS Examples

Text

The CSS property to change the color of the text to Hex 004B0C 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 #004B0C looks like.

```
.text, #text, p{  
    color:#004B0C  
}
```

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 #004B0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004B0C
}
```

Border

The CSS property to change the border of an element to Hex 004B0C 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
#004B0C }
```

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

```
.border{ border-color:#004B0C }
```

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

Here you see how a box with a 4 pixel #004B0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004B0C; -webkit-box-shadow:4px 4px  
4px 4px #004B0C; box-shadow:4px 4px 4px  
4px #004B0C }
```

Background

The CSS property to change the background color of an element to Hex 004B0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004B0C }
```

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

```
.background{ background-color:#004B0C }
```

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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