

Converting Colors

Hex(004B0F)

Have a look what the booklet for
Hex(004B0F) contains.

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Color

Hex(004B0F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 004B0F |
| RGB | 0, 75, 15 |
| RGB Percent | 0%, 29%, 6% |
| CMY | 1.0000, 0.7059, 0.9412 |
| CMYK | 1.00, 0.00, 0.80, 0.71 |
| HSL | 132°, 100%, 15% |
| HSV | 132°, 100%, 29% |
| XYZ | 2.6023, 5.0666, 1.2927 |
| YIQ | 45.7350, -25.4400, -34.5600 |

Conversions

Conversions Part 2

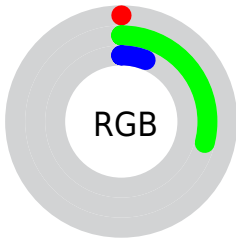
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 63, 75 |
| Decimal | 19215 |
| CIELab | 26.92, -34.32, 28.38 |
| CIELCh | 27, 44.532, 140.410 |
| Yxy | 5.0666, 0.2904, 0.5654 |
| Android (android.graphics.Color) | 4278209295 (0xFF004B0F) |
| YUV | 45.7350, -15.1524, -40.1096 |
| Hunter-Lab | 22.5092, -18.7546, 12.3513 |

Details

The Hex color **004B0F** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4B003C**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **3D7D3D**, and **002000** is the 20% darker color. If you saturate the color by 10%, you get **004B0F**, and if you desaturate by 10%, it is **074B15**.

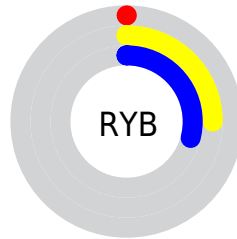
Distribution



Red (0%)

Green (29%)

Blue (6%)



Red (0%)

Yellow (25%)

Blue (29%)

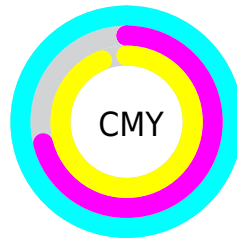


Cyan (100%)

Magenta (0%)

Yellow (80%)

Black (71%)



Cyan (100%)

Magenta (71%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004B0F 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 004B0F by changing the saturation by 10% instead.

 004B0F

 004B0F

 FEFFF6

 003400

 3D7D3D

 002000

 589755

 000000

 72B26E

 8DCE88

 A8EAA2

 C4FFBE

 E1FFDA

 004B0F

 074B15

 0F4B1B

 174B21

 1E4B27

 264B2D

 2D4B33

 354B39

 3C4B3F

 444B45

Harmonies

Analogous

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



394500



004B0F



004E33

Triad

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



004B0F



004783



7A1A2A

Complementary

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



004B0F



4B003C

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.



76194C



004B0F



223B80

Square

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



004B0F



004D74



5D2A6C



6E2B09

Rectangle

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



004B0F



004F4B



5D2A6C



7B1735

Sweetspot

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



004B0F



44614A



3C4B00



1F3022



B0B0B0



303030

Same Dimension

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



004B0F



006113



004B35



222623



006614



00E62E

Inverse Universe

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



4B003C



61004E



4B0017



262225



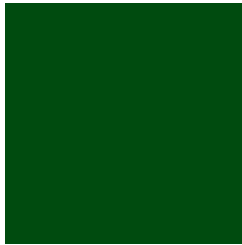
660052



E600B8

Previews

White Background



This preview shows how the Hex color 004B0F looks on a white background.

Color Contrast Check

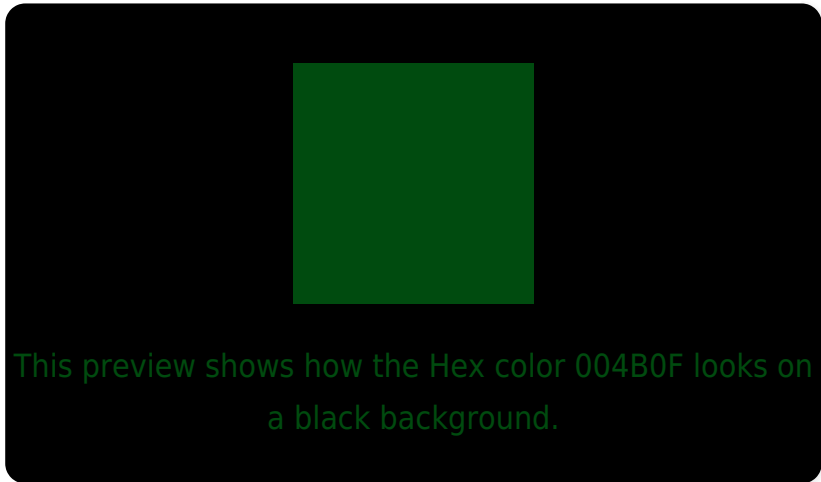
Large Text (above 18pt) WCAG AA ✓ Pass

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

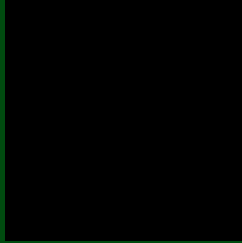
Any Text WCAG AA × Fail

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 004B0F Background



This preview shows how black text looks on a background with the Hex color 004B0F.



This preview shows how white text looks on a background with the Hex color 004B0F.

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](#).

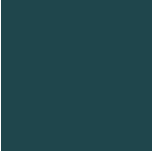
Dichromacy



Original Color
004B0F

Protanopia
48400C

Deuteranopia
503D16



Tritanopia
1F464C

Trichromacy



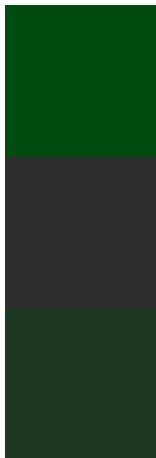
Original Color
004B0F

Protanomaly
2E440D

Deuteranomaly
334213

Tritanomaly
144836

Monochromacy



Original Color
004B0F

Achromatopsia
2E2E2E

Achromatomaly
1D3923

CSS Examples

Text

The CSS property to change the color of the text to Hex 004B0F 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 #004B0F looks like.

```
.text, #text, p{  
    color:#004B0F  
}
```

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 #004B0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004B0F
}
```

Border

The CSS property to change the border of an element to Hex 004B0F 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
#004B0F }
```

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

```
.border{ border-color:#004B0F }
```

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

Here you see how a box with a 4 pixel #004B0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004B0F; -webkit-box-shadow:4px 4px  
4px 4px #004B0F; box-shadow:4px 4px 4px  
4px #004B0F }
```

Background

The CSS property to change the background color of an element to Hex 004B0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004B0F }
```

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

```
.background{ background-color:#004B0F }
```

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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