

Converting Colors

Hex(004B18)

Have a look what the booklet for
Hex(004B18) contains.

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Color

Hex(004B18)

Conversions

Conversions Part 1

Format	Color
Hex	004B18
RGB	0, 75, 24
RGB Percent	0%, 29%, 9%
CMY	1.0000, 0.7059, 0.9059
CMYK	1.00, 0.00, 0.68, 0.71
HSL	139°, 100%, 15%
HSV	139°, 100%, 29%
XYZ	2.6809, 5.0981, 1.7069
YIQ	46.7610, -28.3290, -31.7610

Conversions

Conversions Part 2

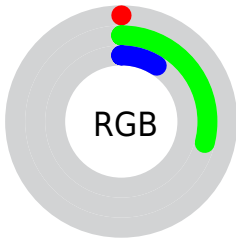
Format	Color
RYB	0, 57, 75
Decimal	19224
CIELab	27.01, -33.20, 24.10
CIELCh	27, 41.025, 144.016
Yxy	5.0981, 0.2826, 0.5374
Android (android.graphics.Color)	4278209304 (0xFF004B18)
YUV	46.7610, -11.2212, -41.0094
Hunter-Lab	22.5790, -18.3188, 11.3232

Details

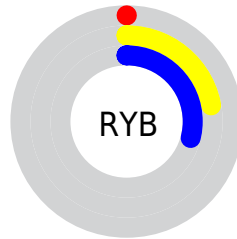
The Hex color **004B18** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4B0033**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **3D7D45**, and **002000** is the 20% darker color. If you saturate the color by 10%, you get **004B18**, and if you desaturate by 10%, it is **074B1D**.

Distribution



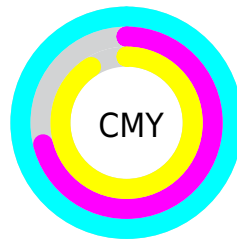
- Red (0%)
- Green (29%)
- Blue (9%)



- Red (0%)
- Yellow (22%)
- Blue (29%)



- Cyan (100%)
- Magenta (0%)
- Yellow (68%)
- Black (71%)



- Cyan (100%)
- Magenta (71%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004B18 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 004B18 by changing the saturation by 10% instead.



004B18



004B18

FDFFFF



003400



3D7D45



002000



57975D



000000



71B276



8CCE90



A7EAAB




C3FFC6



DFFFE3



004B18

 074B1D

 0F4B22

 174B27

 1E4B2C

 264B31

 2D4B37

 354B3C

 3C4B41

 444B46

Harmonies

Analogous

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



364600



004B18



004E38

Triad

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



004B18



00467F



762128

Complementary

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



004B18



4B0033

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.



741E48



004B18



313A7A

Square

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



004B18



004C72



5F2B65



6A2F0B

Rectangle

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



004B18



004E4E



5F2B65



771E33

Sweetspot

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



004B18



44614D



334B00



1F3025



B0B0B0



303030

Same Dimension

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



004B18



00611F



004B3D



222624



006621



00E649

Inverse Universe

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



4B0033



610042



4B000E



262225



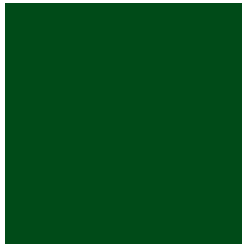
660045



E6009C

Previews

White Background



This preview shows how the Hex color 004B18 looks on a white background.

Color Contrast Check

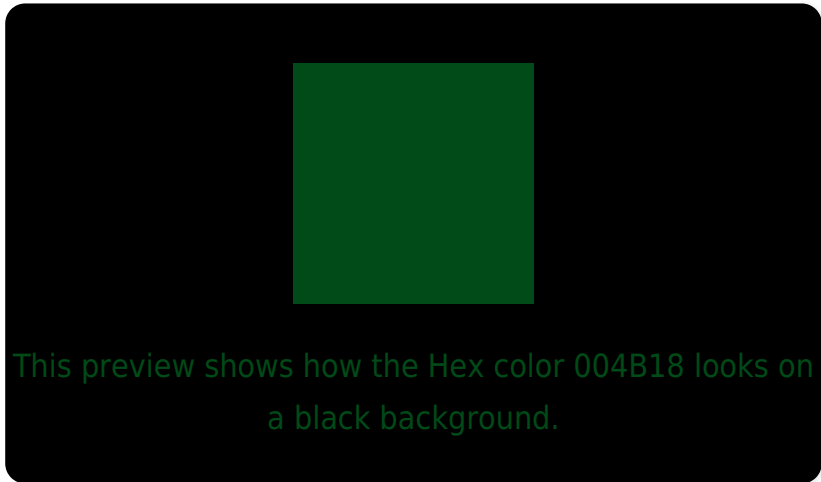
Large Text (above 18pt) WCAG AA ✓ Pass

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

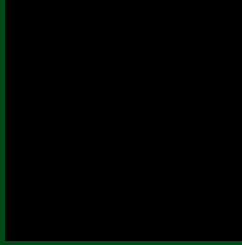
Any Text WCAG AA × Fail

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 004B18 Background



This preview shows how black text looks on a background with the Hex color 004B18.



This preview shows how white text looks on a background with the Hex color 004B18.

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](#).

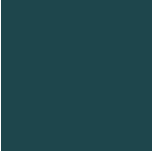
Dichromacy



Original Color
004B18

Protanopia
484015

Deuteranopia
503D1D



Tritanopia
1E464C

Trichromacy



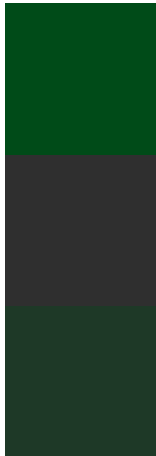
Original Color
004B18

Protanomaly
2E4416

Deuteranomaly
33421B

Tritanomaly
134839

Monochromacy



Original Color
004B18

Achromatopsia
2F2F2F

Achromatomaly
1E3927

CSS Examples

Text

The CSS property to change the color of the text to Hex 004B18 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 #004B18 looks like.

```
.text, #text, p{  
    color:#004B18  
}
```

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 #004B18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004B18
}
```

Border

The CSS property to change the border of an element to Hex 004B18 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
#004B18 }
```

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

```
.border{ border-color:#004B18 }
```

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

Here you see how a box with a 4 pixel #004B18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004B18; -webkit-box-shadow:4px 4px  
4px 4px #004B18; box-shadow:4px 4px 4px  
4px #004B18 }
```

Background

The CSS property to change the background color of an element to Hex 004B18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004B18 }
```

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

```
.background{ background-color:#004B18 }
```

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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