

Converting Colors

Hex(004B19)

Have a look what the booklet for
Hex(004B19) contains.

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Color

Hex(004B19)

Conversions

Conversions Part 1

Format	Color
Hex	004B19
RGB	0, 75, 25
RGB Percent	0%, 29%, 10%
CMY	1.0000, 0.7059, 0.9020
CMYK	1.00, 0.00, 0.67, 0.71
HSL	140°, 100%, 15%
HSV	140°, 100%, 29%
XYZ	2.6915, 5.1023, 1.7627
YIQ	46.8750, -28.6500, -31.4500

Conversions

Conversions Part 2

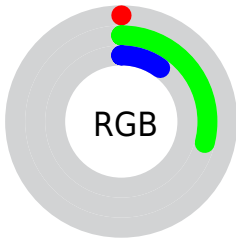
Format	Color
RYB	0, 56, 75
Decimal	19225
CIELab	27.02, -33.05, 23.59
CIELCh	27, 40.601, 144.485
Yxy	5.1023, 0.2816, 0.5339
Android (android.graphics.Color)	4278209305 (0xFF004B19)
YUV	46.8750, -10.7844, -41.1094
Hunter-Lab	22.5884, -18.2602, 11.1851

Details

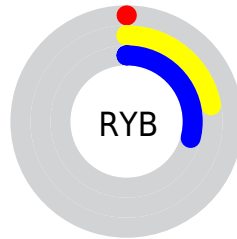
The Hex color **004B19** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4B0032**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **3D7D46**, and **002000** is the 20% darker color. If you saturate the color by 10%, you get **004B19**, and if you desaturate by 10%, it is **074B1E**.

Distribution



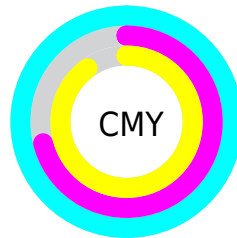
- Red (0%)
- Green (29%)
- Blue (10%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (67%)
- Black (71%)



- Cyan (100%)
- Magenta (71%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004B19 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 004B19 by changing the saturation by 10% instead.

 004B19

 004B19

 FCFFFF

 003400

 3D7D46

 002000

 57975E

 000000

 71B277

 8CCE91

 A7E AAC

 C3FFC7

 DFFFE4

 004B19

■ 074B1E

■ 0F4B23

■ 174B28

■ 1E4B2D

■ 264B32

■ 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



004B19



004D39

Triad

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



004B19



00457E



762228

Complementary

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



004B19



4B0032

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.



741F47



004B19



323A79

Square

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



004B19



004C72



5F2B64



692F0B

Rectangle

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



004B19



004E4F



5F2B64



771F32

Sweetspot

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



004B19



44614E



324B00



1F3025



B0B0B0



303030

Same Dimension

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



004B19



006120



004B3E



222624



006622



00E64D

Inverse Universe

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



4B0032



610041



4B000D



262225



660044



E60099

Previews

White Background



This preview shows how the Hex color 004B19 looks on a white background.

Color Contrast Check

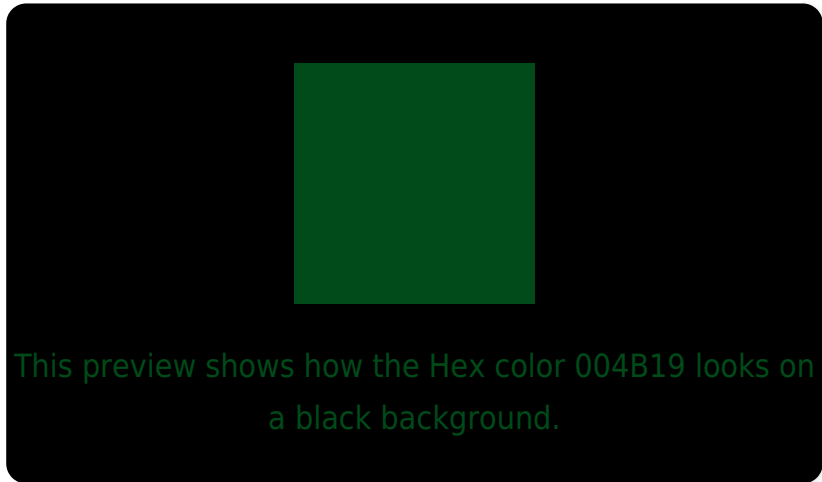
Large Text (above 18pt) WCAG AA ✓ Pass

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

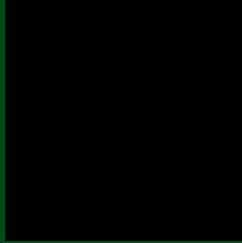
Any Text WCAG AA × Fail

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 004B19 Background



This preview shows how black text looks on a background with the Hex color 004B19.



This preview shows how white text looks on a background with the Hex color 004B19.

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
004B19

Protanopia
484016

Deuteranopia
4F3D1D



Tritanopia
1E464C

Trichromacy



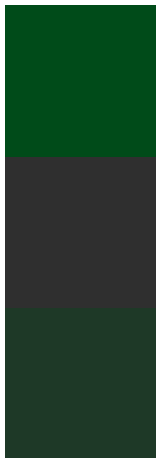
Original Color
004B19

Protanomaly
2E4417

Deuteranomaly
32421C

Tritanomaly
134839

Monochromacy



Original Color
004B19

Achromatopsia
2F2F2F

Achromatomaly
1E3927

CSS Examples

Text

The CSS property to change the color of the text to Hex 004B19 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 #004B19 looks like.

```
.text, #text, p{  
    color:#004B19  
}
```

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 #004B19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004B19
}
```

Border

The CSS property to change the border of an element to Hex 004B19 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
#004B19 }
```

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

```
.border{ border-color:#004B19 }
```

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

Here you see how a box with a 4 pixel #004B19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004B19; -webkit-box-shadow:4px 4px  
4px 4px #004B19; box-shadow:4px 4px 4px  
4px #004B19 }
```

Background

The CSS property to change the background color of an element to Hex 004B19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004B19 }
```

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

```
.background{ background-color:#004B19 }
```

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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