

Converting Colors

Hex(004418)

Have a look what the booklet for
Hex(004418) contains.

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Color

Hex(004418)

Conversions

Conversions Part 1

Format	Color
Hex	004418
RGB	0, 68, 24
RGB Percent	0%, 27%, 9%
CMY	1.0000, 0.7333, 0.9059
CMYK	1.00, 0.00, 0.65, 0.73
HSL	141°, 100%, 13%
HSV	141°, 100%, 27%
XYZ	2.2320, 4.2002, 1.5572
YIQ	42.6520, -26.4040, -28.1000

Conversions

Conversions Part 2

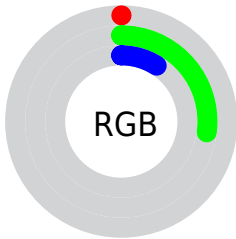
Format	Color
RYB	0, 50, 68
Decimal	17432
CIELab	24.32, -30.62, 20.97
CIELCh	24, 37.117, 145.591
Yxy	4.2002, 0.2794, 0.5257
Android (android.graphics.Color)	4278207512 (0xFF004418)
YUV	42.6520, -9.1954, -37.4058
Hunter-Lab	20.4944, -16.4251, 9.8410

Details

The Hex color **004418** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **44002C**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **3A7545**, and **001800** is the 20% darker color. If you saturate the color by 10%, you get **004418**, and if you desaturate by 10%, it is **07441C**.

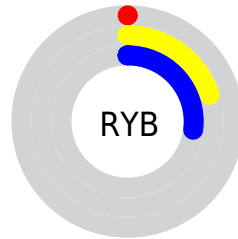
Distribution



Red (0%)

Green (27%)

Blue (9%)



Red (0%)

Yellow (20%)

Blue (27%)

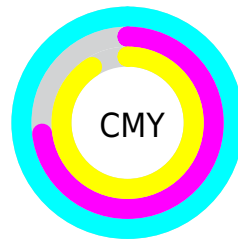


Cyan (100%)

Magenta (0%)

Yellow (65%)

Black (73%)



Cyan (100%)

Magenta (73%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004418 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 004418 by changing the saturation by 10% instead.

 004418

 004418

 F8FFFE

 002D00

 3A7545

 001800

 548F5C

 000000

 6DAA75

 88C58F

 A3E1AA

 BFEC5

 DBFE1

 004418

■ 07441C

■ 0E4421

■ 144425

■ 1B442A

■ 22442E

■ 294432

■ 304437

■ 36443B

■ 3D4440

Harmonies

Analogous

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



303F00



004418



004635

Triad

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



004418



003E72



6A1F23

Complementary

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



004418



44002C

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.



691C3F



004418



30346D

Square

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



004418



004468



57275A



5F2C0A

Rectangle

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



004418



004748



57275A



6B1D2C

Sweetspot

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



004418



3E5948



2C4400



1D2E23



ADADAD



2E2E2E

Same Dimension

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



004418



005920



00443A



1E211F



006122



00E04F

Inverse Universe

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



44002C



59003A



44000A



211E20



61003F



E00091

Previews

White Background



This preview shows how the Hex color 004418 looks on a white background.

Color Contrast Check

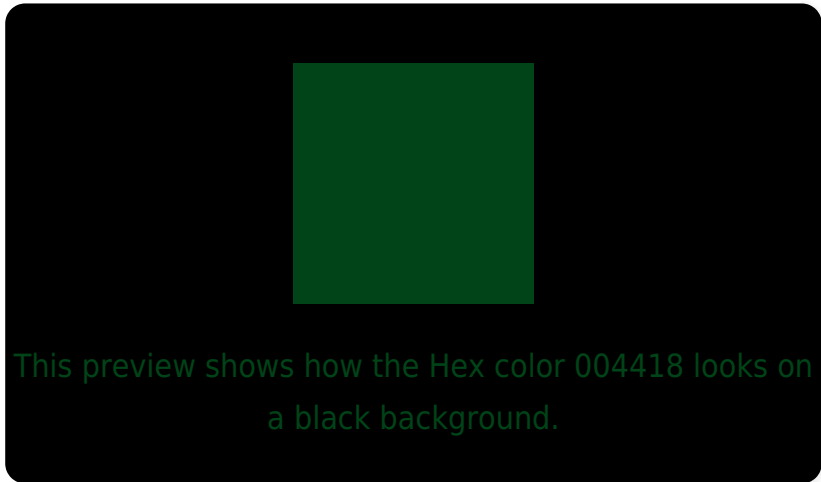
Large Text (above 18pt) WCAG AA ✓ Pass

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

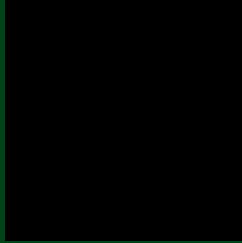
Any Text WCAG AA × Fail

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 004418 Background



This preview shows how black text looks on a background with the Hex color 004418.



This preview shows how white text looks on a background with the Hex color 004418.

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
004418

Protanopia
413A15

Deuteranopia
48381C



Tritanopia
1B4045

Trichromacy



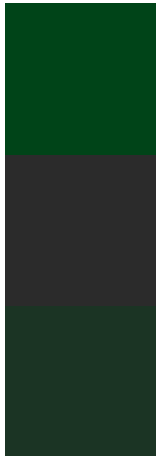
Original Color
004418

Protanomaly
293E16

Deuteranomaly
2E3C1B

Tritanomaly
114135

Monochromacy



Original Color
004418

Achromatopsia
2B2B2B

Achromatomaly
1B3424

CSS Examples

Text

The CSS property to change the color of the text to Hex 004418 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 #004418 looks like.

```
.text, #text, p{  
    color:#004418  
}
```

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 #004418 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004418
}
```

Border

The CSS property to change the border of an element to Hex 004418 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
#004418 }
```

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

```
.border{ border-color:#004418 }
```

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

Here you see how a box with a 4 pixel #004418 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004418; -webkit-box-shadow:4px 4px  
4px 4px #004418; box-shadow:4px 4px 4px  
4px #004418 }
```

Background

The CSS property to change the background color of an element to Hex 004418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004418 }
```

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

```
.background{ background-color:#004418 }
```

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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