

Converting Colors

Hex(004717)

Have a look what the booklet for
Hex(004717) contains.

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Color

Hex(004717)

Conversions

Conversions Part 1

Format	Color
Hex	004717
RGB	0, 71, 23
RGB Percent	0%, 28%, 9%
CMY	1.0000, 0.7216, 0.9098
CMYK	1.00, 0.00, 0.68, 0.72
HSL	139°, 100%, 14%
HSV	139°, 100%, 28%
XYZ	2.4079, 4.5683, 1.5655
YIQ	44.2990, -26.9080, -29.9800

Conversions

Conversions Part 2

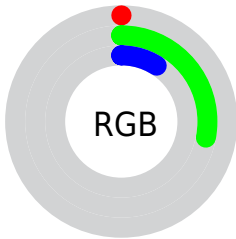
Format	Color
RYB	0, 54, 71
Decimal	18199
CIELab	25.47, -31.89, 22.86
CIElCh	25, 39.241, 144.363
Yxy	4.5683, 0.2819, 0.5348
Android (android.graphics.Color)	4278208279 (0xFF004717)
YUV	44.2990, -10.5004, -38.8502
Hunter-Lab	21.3737, -17.2947, 10.6190

Details

The Hex color **004717** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **470030**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **3B7844**, and **001C00** is the 20% darker color. If you saturate the color by 10%, you get **004717**, and if you desaturate by 10%, it is **07471C**.

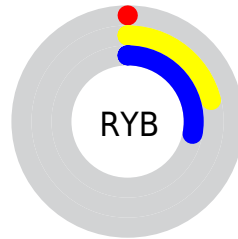
Distribution



Red (0%)

Green (28%)

Blue (9%)



Red (0%)

Yellow (21%)

Blue (28%)

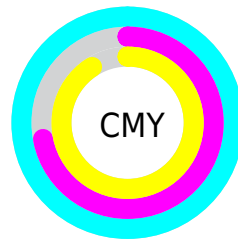


Cyan (100%)

Magenta (0%)

Yellow (68%)

Black (72%)



Cyan (100%)

Magenta (72%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004717 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 004717 by changing the saturation by 10% instead.

 004717

 004717

 FAFFFD

 003000

 3B7844

 001C00

 55925C

 000000

 6FAD75

 8AC98F

 A5E5A9

 C1FFC5

 DDFFE1

 004717

 07471C

 0E4721

 154725

 1C472A

 24472F

 2B4734

 324739

 39473D

 404742

Harmonies

Analogous

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



334200



004717



004936

Triad

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



004717



004278



701F26

Complementary

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



004717



470030

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.



6E1D43



004717



2F3773

Square

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



004717



00486C



5A285F



642C0A

Rectangle

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



004717



004A4A



5A285F



711D2F

Sweetspot

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



004717



405C49



314700



1D2E23



ADADAD



2E2E2E

Same Dimension

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



004717



005C1E



00473A



202421



006320



00E34A

Inverse Universe

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



470030



5C003E



47000D



242023



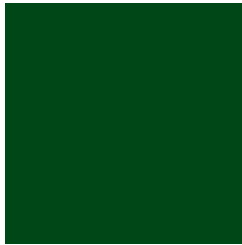
630043



E30099

Previews

White Background



This preview shows how the Hex color 004717 looks on a white background.

Color Contrast Check

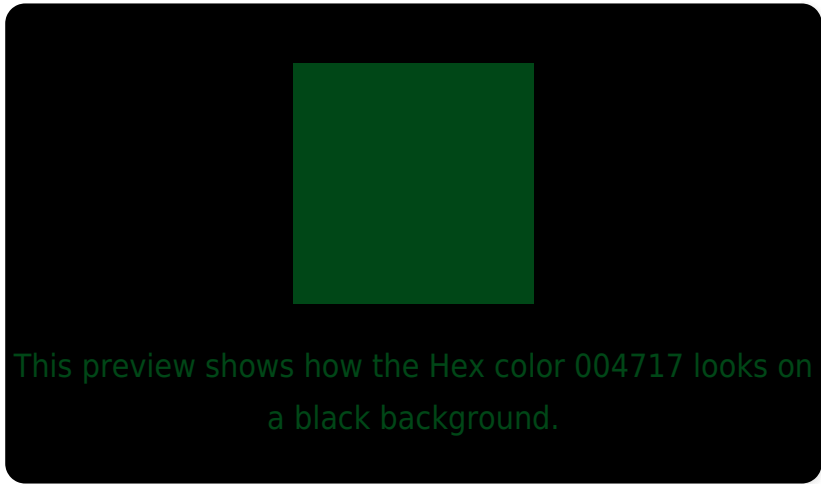
Large Text (above 18pt) WCAG AA ✓ Pass

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

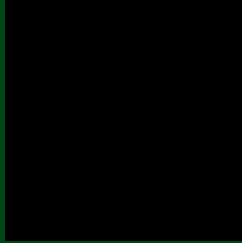
Any Text WCAG AA × Fail

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 004717 Background



This preview shows how black text looks on a background with the Hex color 004717.



This preview shows how white text looks on a background with the Hex color 004717.

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
004717

Protanopia
443D14

Deuteranopia
4B3A1B



Tritanopia
1D4248

Trichromacy



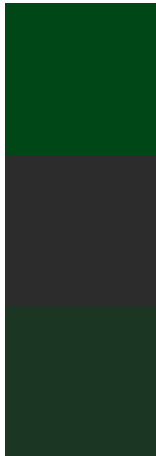
Original Color
004717

Protanomaly
2B4115

Deuteranomaly
303F1A

Tritanomaly
124436

Monochromacy



Original Color
004717

Achromatopsia
2C2C2C

Achromatomaly
1C3624

CSS Examples

Text

The CSS property to change the color of the text to Hex 004717 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 #004717 looks like.

```
.text, #text, p{  
    color:#004717  
}
```

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 #004717 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004717
}
```

Border

The CSS property to change the border of an element to Hex 004717 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
#004717 }
```

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

```
.border{ border-color:#004717 }
```

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

Here you see how a box with a 4 pixel #004717 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004717; -webkit-box-shadow:4px 4px  
4px 4px #004717; box-shadow:4px 4px 4px  
4px #004717 }
```

Background

The CSS property to change the background color of an element to Hex 004717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004717 }
```

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

```
.background{ background-color:#004717 }
```

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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