

Converting Colors

Hex(005816)

Have a look what the booklet for
Hex(005816) contains.

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Color

Hex(005816)

Conversions

Conversions Part 1

Format	Color
Hex	005816
RGB	0, 88, 22
RGB Percent	0%, 35%, 9%
CMY	1.0000, 0.6549, 0.9137
CMYK	1.00, 0.00, 0.75, 0.65
HSL	135°, 100%, 17%
HSV	135°, 100%, 35%
XYZ	3.6345, 7.0374, 1.9258
YIQ	54.1640, -31.2620, -39.1820

Conversions

Conversions Part 2

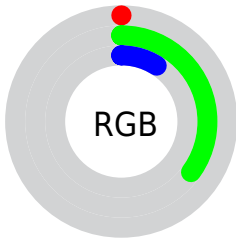
Format	Color
RYB	0, 70, 88
Decimal	22550
CIELab	31.89, -37.98, 30.46
CIELCh	32, 48.687, 141.267
Yxy	7.0374, 0.2885, 0.5586
Android (android.graphics.Color)	4278212630 (0xFF005816)
YUV	54.1640, -15.8569, -47.5018
Hunter-Lab	26.5281, -21.9682, 14.2654

Details

The Hex color **005816** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **580042**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **428B45**, and **002A00** is the 20% darker color. If you saturate the color by 10%, you get **005816**, and if you desaturate by 10%, it is **09581D**.

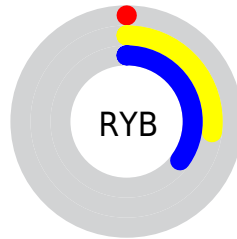
Distribution



Red (0%)

Green (35%)

Blue (9%)



Red (0%)

Yellow (27%)

Blue (35%)

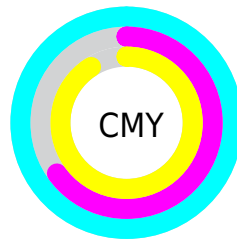


Cyan (100%)

Magenta (0%)

Yellow (75%)

Black (65%)



Cyan (100%)

Magenta (65%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005816 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 005816 by changing the saturation by 10% instead.

 005816

 005816

FFFFFF

 004000

 428B45

 002A00

 5DA65D

 000D00

 78C177

 000000

 93DD91

 AFFAAC

 CBFFC7

 E8FFE3

 005816

■ 09581D

■ 125823

■ 1A582A

■ 235830

■ 2C5837

■ 35583E

■ 3E5844

■ 46584B

■ 4F5851

Harmonies

Analogous

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



425100



005816



005B3E

Triad

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



005816



005397



8D2232

Complementary

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



005816



580042

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.



892058



005816



2E4693

Square

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



005816



005A86



6D337B



7F340D

Rectangle

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



005816



005C59



6D337B



8E1E3E

Sweetspot

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



005816



507359



425800



263B2B



BABABA



3B3B3B

Same Dimension

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



005816



00731D



005842



272B28



006B1B



00EB3B

Inverse Universe

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



580042



730056



580016



2B272A



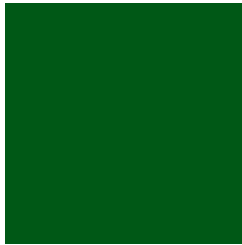
6B0050



EB00B0

Previews

White Background



This preview shows how the Hex color 005816 looks on a white background.

Color Contrast Check

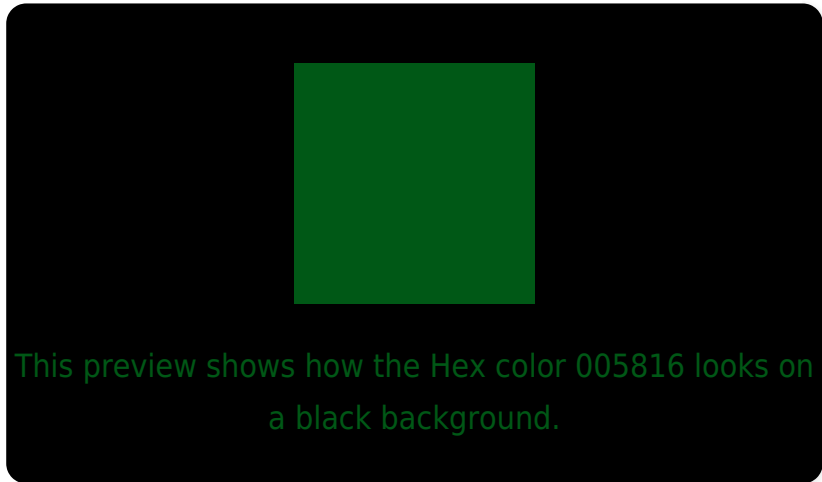
Large Text (above 18pt) WCAG AA ✓ Pass

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

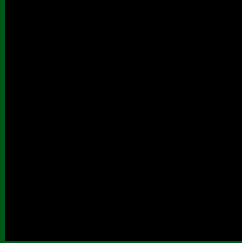
Any Text WCAG AA × Fail

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 005816 Background



This preview shows how black text looks on a background with the Hex color 005816.



This preview shows how white text looks on a background with the Hex color 005816.

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](#).

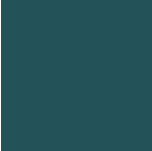
Dichromacy



Original Color
005816

Protanopia
554B13

Deuteranopia
5E481D



Tritanopia
245259

Trichromacy



Original Color
005816



Protanomaly
365014



Deuteranomaly
3C4E1A



Tritanomaly
175441

Monochromacy



Original Color
005816



Achromatopsia
363636



Achromatomaly
22422A

CSS Examples

Text

The CSS property to change the color of the text to Hex 005816 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 #005816 looks like.

```
.text, #text, p{  
    color:#005816  
}
```

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 #005816 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005816
}
```

Border

The CSS property to change the border of an element to Hex 005816 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".

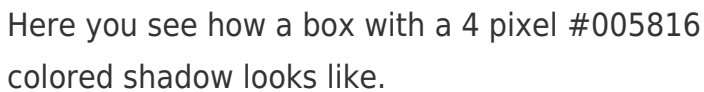
```
.border, #border, table{ border:4px solid
#005816 }
```

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

```
.border{ border-color:#005816 }
```

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

Here you see how a box with a 4 pixel #005816 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005816; -webkit-box-shadow:4px 4px  
4px 4px #005816; box-shadow:4px 4px 4px  
4px #005816 }
```

Background

The CSS property to change the background color of an element to Hex 005816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005816 }
```

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

```
.background{ background-color:#005816 }
```

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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