

Converting Colors

Hex(005417)

Have a look what the booklet for
Hex(005417) contains.

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Color

Hex(005417)

Conversions

Conversions Part 1

Format	Color
Hex	005417
RGB	0, 84, 23
RGB Percent	0%, 33%, 9%
CMY	1.0000, 0.6706, 0.9098
CMYK	1.00, 0.00, 0.73, 0.67
HSL	136°, 100%, 16%
HSV	136°, 100%, 33%
XYZ	3.3250, 6.4025, 1.8712
YIQ	51.9300, -30.4830, -36.7790

Conversions

Conversions Part 2

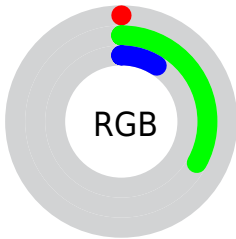
Format	Color
RYB	0, 66, 84
Decimal	21527
CIELab	30.41, -36.50, 28.40
CIELCh	30, 46.247, 142.115
Yxy	6.4025, 0.2867, 0.5520
Android (android.graphics.Color)	4278211607 (0xFF005417)
YUV	51.9300, -14.2625, -45.5426
Hunter-Lab	25.3032, -20.8247, 13.3277

Details

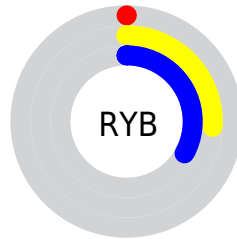
The Hex color **005417** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **54003D**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **418745**, and **002700** is the 20% darker color. If you saturate the color by 10%, you get **005417**, and if you desaturate by 10%, it is **08541D**.

Distribution



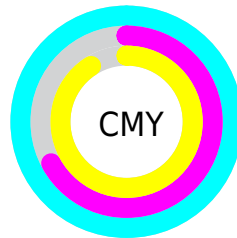
- Red (0%)
- Green (33%)
- Blue (9%)



- Red (0%)
- Yellow (26%)
- Blue (33%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (67%)




- Cyan (100%)
- Magenta (67%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005417 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 005417 by changing the saturation by 10% instead.

 005417

 005417

FFFFFF

 003C00

 418745

 002700

 5BA15E

 000300

 76BC77

 000000

 91D991


 ACF5AC

 C9FFC7

 E5FFE3

 005417

 08541D

 115423

 195429

 22542F

 2A5435

 32543C

 3B5442

 435448

 4C544E

Harmonies

Analogous

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



3E4E00



005417



00573D

Triad

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



005417



004F8F



86222F

Complementary

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



005417



54003D

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.



822053



005417



30428B

Square

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



005417



005580



693074



79330C

Rectangle

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



005417



005856



693074



871F3B

Sweetspot

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



005417



4D6E56



3E5400



243829



B8B8B8



383838

Same Dimension

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



005417



006E1E



005440



252926



00691D



00E840

Inverse Universe

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



54003D



6E0050



540014



292528



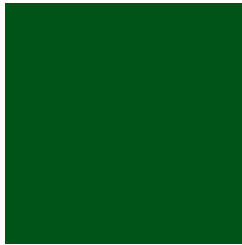
69004C



E800A9

Previews

White Background



This preview shows how the Hex color 005417 looks on a white background.

Color Contrast Check

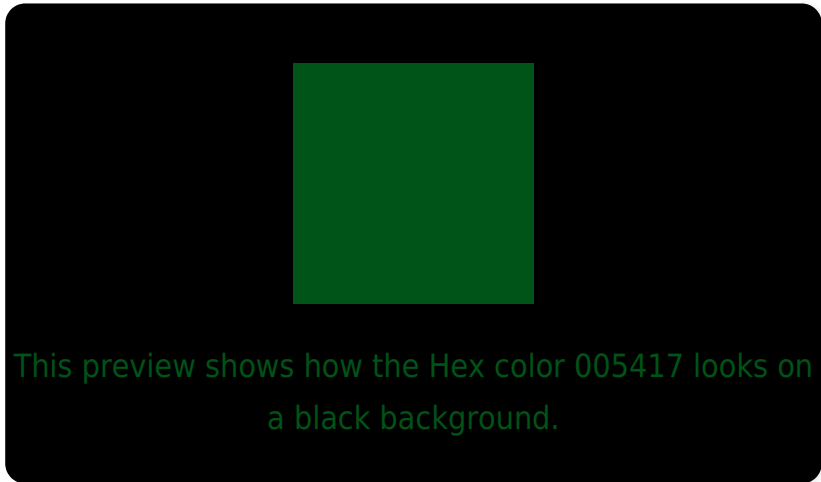
Large Text (above 18pt) WCAG AA ✓ Pass

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

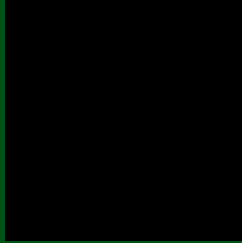
Any Text WCAG AA × Fail

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 005417 Background



This preview shows how black text looks on a background with the Hex color 005417.



This preview shows how white text looks on a background with the Hex color 005417.

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
005417

Protanopia
514814

Deuteranopia
59441D



Tritanopia
224E55

Trichromacy



Original Color
005417



Protanomaly
344C15



Deuteranomaly
394A1B

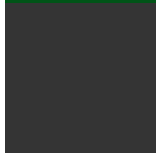


Tritanomaly
16503E

Monochromacy



Original Color
005417



Achromatopsia
343434



Achromatomaly
214029

CSS Examples

Text

The CSS property to change the color of the text to Hex 005417 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 #005417 looks like.

```
.text, #text, p{  
    color:#005417  
}
```

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 #005417 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005417
}
```

Border

The CSS property to change the border of an element to Hex 005417 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".

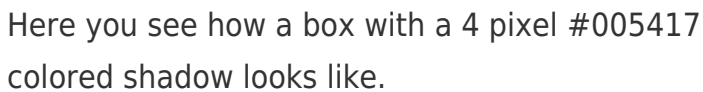
```
.border, #border, table{ border:4px solid
#005417 }
```

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

```
.border{ border-color:#005417 }
```

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

Here you see how a box with a 4 pixel #005417 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005417; -webkit-box-shadow:4px 4px  
4px 4px #005417; box-shadow:4px 4px 4px  
4px #005417 }
```

Background

The CSS property to change the background color of an element to Hex 005417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005417 }
```

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

```
.background{ background-color:#005417 }
```

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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