

Converting Colors

Hex(005317)

Have a look what the booklet for
Hex(005317) contains.

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Color

Hex(005317)

Conversions

Conversions Part 1

Format	Color
Hex	005317
RGB	0, 83, 23
RGB Percent	0%, 33%, 9%
CMY	1.0000, 0.6745, 0.9098
CMYK	1.00, 0.00, 0.72, 0.67
HSL	137°, 100%, 16%
HSV	137°, 100%, 33%
XYZ	3.2479, 6.2484, 1.8455
YIQ	51.3430, -30.2080, -36.2560

Conversions

Conversions Part 2

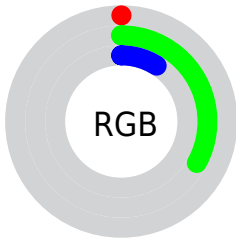
Format	Color
RYB	0, 65, 83
Decimal	21271
CIELab	30.03, -36.16, 27.99
CIELCh	30, 45.723, 142.256
Yxy	6.2484, 0.2864, 0.5509
Android (android.graphics.Color)	4278211351 (0xFF005317)
YUV	51.3430, -13.9731, -45.0278
Hunter-Lab	24.9967, -20.5512, 13.1204

Details

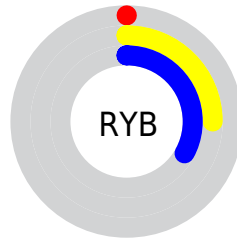
The Hex color **005317** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **53003C**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **408645**, and **002600** is the 20% darker color. If you saturate the color by 10%, you get **005317**, and if you desaturate by 10%, it is **08531D**.

Distribution



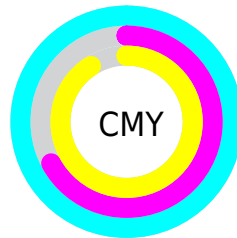
- Red (0%)
- Green (33%)
- Blue (9%)



- Red (0%)
- Yellow (25%)
- Blue (33%)



- Cyan (100%)
- Magenta (0%)
- Yellow (72%)
- Black (67%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 005317 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 005317 by changing the saturation by 10% instead.

 005317

 005317

FFFFFF

 003B00

 408645

 002600

 5BA05E

 000000

 75BB77

 90D791


 ACF4AB

 C8FFC7

 E5FFE3

 005317

 08531D

 115323

 195329

 21532F

 295335

 32533B

 3A5341

 425347

 4B534D

Harmonies

Analogous

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



3D4D00



005317



00563C

Triad

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



005317



004E8E



84222E

Complementary

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



005317



53003C

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.



812052



005317



304189

Square

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



005317



00547F



683073



77320C

Rectangle

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



005317



005755



683073



851E3A

Sweetspot

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



005317



4B6B54



3D5300



223628



B5B5B5



363636

Same Dimension

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



005317



006B1E



005340



252926



00691D



00E840

Inverse Universe

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



53003C



6B004D



530013



292528



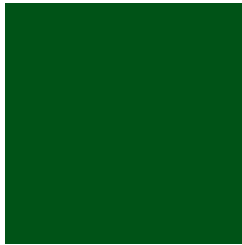
69004C



E800A8

Previews

White Background



This preview shows how the Hex color 005317 looks on a white background.

Color Contrast Check

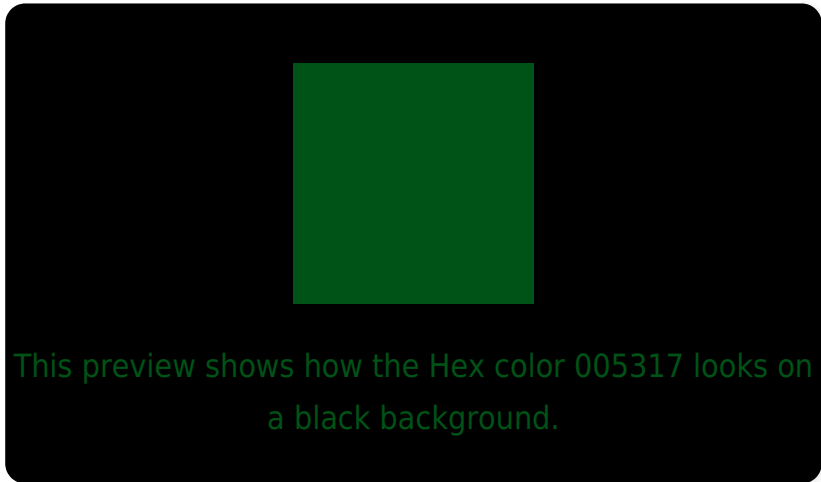
Large Text (above 18pt) WCAG AA ✓ Pass

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

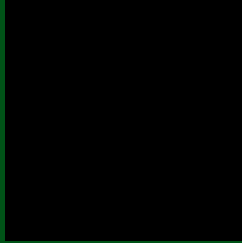
Any Text WCAG AA × Fail

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 005317 Background



This preview shows how black text looks on a background with the Hex color 005317.



This preview shows how white text looks on a background with the Hex color 005317.

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](#).

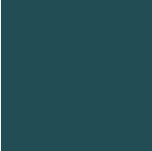
Dichromacy



Original Color
005317

Protanopia
504714

Deuteranopia
58441D



Tritanopia
224D54

Trichromacy



Original Color
005317



Protanomaly
334B15



Deuteranomaly
38491B

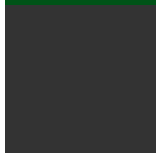


Tritanomaly
164F3E

Monochromacy



Original Color
005317



Achromatopsia
333333



Achromatomaly
203F29

CSS Examples

Text

The CSS property to change the color of the text to Hex 005317 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 #005317 looks like.

```
.text, #text, p{  
    color:#005317  
}
```

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 #005317 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005317
}
```

Border

The CSS property to change the border of an element to Hex 005317 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".

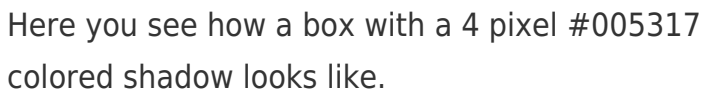
```
.border, #border, table{ border:4px solid
#005317 }
```

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

```
.border{ border-color:#005317 }
```

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

Here you see how a box with a 4 pixel #005317 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005317; -webkit-box-shadow:4px 4px  
4px 4px #005317; box-shadow:4px 4px 4px  
4px #005317 }
```

Background

The CSS property to change the background color of an element to Hex 005317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005317 }
```

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

```
.background{ background-color:#005317 }
```

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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