

Converting Colors

Hex(007315)

Have a look what the booklet for
Hex(007315) contains.

Hex(007315)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(007315)

Conversions

Conversions Part 1

Format	Color
Hex	007315
RGB	0, 115, 21
RGB Percent	0%, 45%, 8%
CMY	1.0000, 0.5490, 0.9176
CMYK	1.00, 0.00, 0.82, 0.55
HSL	131°, 100%, 23%
HSV	131°, 100%, 45%
XYZ	6.2661, 12.3156, 2.7564
YIQ	69.8990, -38.3660, -53.6140

Conversions

Conversions Part 2

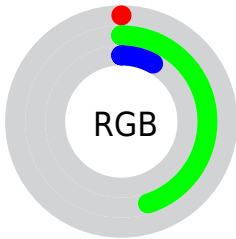
Format	Color
RYB	0, 97, 115
Decimal	29461
CIELab	41.71, -46.78, 40.78
CIElCh	42, 62.059, 138.918
Yxy	12.3156, 0.2937, 0.5772
Android (android.graphics.Color)	4278219541 (0xFF007315)
YUV	69.8990, -24.1072, -61.3014
Hunter-Lab	35.0936, -29.5420, 19.9087

Details

The Hex color **007315** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **73005E**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **4CA848**, and **004100** is the 20% darker color. If you saturate the color by 10%, you get **007315**, and if you desaturate by 10%, it is **0B731E**.

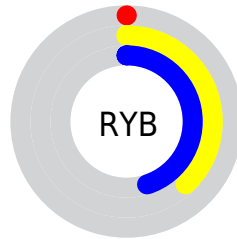
Distribution



Red (0%)

Green (45%)

Blue (8%)



Red (0%)

Yellow (38%)

Blue (45%)

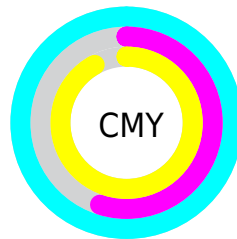


Cyan (100%)

Magenta (0%)

Yellow (82%)

Black (55%)



Cyan (100%)

Magenta (55%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007315 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 007315 by changing the saturation by 10% instead.

 007315

 007315

FFFFFF

 005A00

 4CA848

 004100

 69C462

 002C00

 85E07C

 000C00

 A1FD96

 000000

 BEFFB1

 DBFFCD

 F8FFEA

 007315

 0B731E


 177328

 237331

 2E733B

 3A7344

 45734D

 517357

 5C7360

 68736A

Harmonies

Analogous

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



596A00



007315



00774D

Triad

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



007315



006EC7



BA2645

Complementary

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



007315



73005E

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.



B32778



007315



285DC4

Square

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



007315



0076AF



8B43A6



A94112

Rectangle

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



007315



007971



8B43A6



BB2156

Sweetspot

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



007315



699672



607300



314D36



CCCCCC



4D4D4D

Same Dimension

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



007315



00961B



00734D



353B36



007A16



00FA2E

Inverse Universe

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



73005E



96007B



730026



3B353A



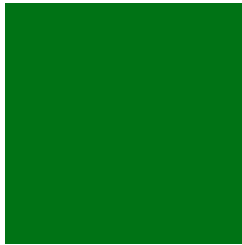
7A0064



FA00CC

Previews

White Background



This preview shows how the Hex color 007315 looks on a white background.

Color Contrast Check

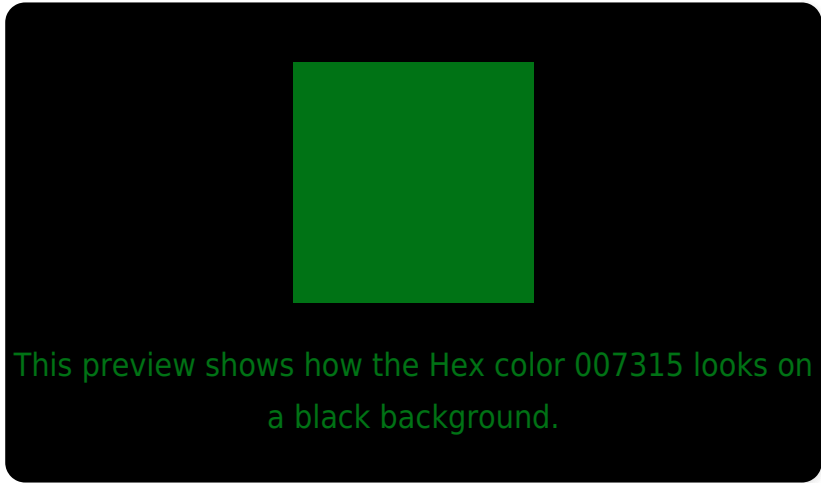
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 007315 Background



This preview shows how black text looks on a background with the Hex color 007315.



This preview shows how white text looks on a background with the Hex color 007315.

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
007315

Protanopia
6F6311

Deuteranopia
7B5D20



Tritanopia
306B74

Trichromacy



Original Color
007315



Protanomaly
476912



Deuteranomaly
4E651C



Tritanomaly
1F6E51

Monochromacy



Original Color
007315



Achromatopsia
464646



Achromatomaly
2D5634

CSS Examples

Text

The CSS property to change the color of the text to Hex 007315 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 #007315 looks like.

```
.text, #text, p{  
    color:#007315  
}
```

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 #007315 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007315
}
```

Border

The CSS property to change the border of an element to Hex 007315 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
#007315 }
```

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

```
.border{ border-color:#007315 }
```

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

Here you see how a box with a 4 pixel #007315 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007315; -webkit-box-shadow:4px 4px  
4px 4px #007315; box-shadow:4px 4px 4px  
4px #007315 }
```

Background

The CSS property to change the background color of an element to Hex 007315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007315 }
```

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

```
.background{ background-color:#007315 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor