

Converting Colors

Hex(007300)

Have a look what the booklet for
Hex(007300) contains.

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Color

Hex(007300)

Conversions

Conversions Part 1

Format	Color
Hex	007300
RGB	0, 115, 0
RGB Percent	0%, 45%, 0%
CMY	1.0000, 0.5490, 1.0000
CMYK	1.00, 0.00, 1.00, 0.55
HSL	120°, 100%, 23%
HSV	120°, 100%, 45%
XYZ	6.1307, 12.2615, 2.0436
YIQ	67.5050, -31.6250, -60.1450

Conversions

Conversions Part 2

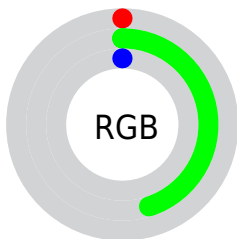
Format	Color
RYB	0, 115, 115
Decimal	29440
CIELab	41.63, -47.88, 46.21
CIELCh	42, 66.540, 136.016
Yxy	12.2615, 0.3000, 0.6000
Android (android.graphics.Color)	4278219520 (0xFF007300)
YUV	67.5050, -33.2800, -59.2019
Hunter-Lab	35.0164, -30.0265, 21.0513

Details

The Hex color **007300** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **730073**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **4DA83C**, and **004100** is the 20% darker color. If you saturate the color by 10%, you get **007300**, and if you desaturate by 10%, it is **0B730B**.

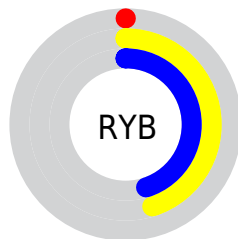
Distribution



Red (0%)

Green (45%)

Blue (0%)



Red (0%)

Yellow (45%)

Blue (45%)

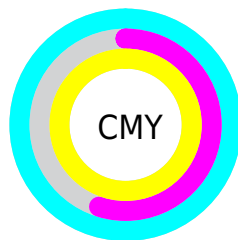


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (100%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007300 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 007300 by changing the saturation by 10% instead.

 007300

 007300

 FFFFFB

 005A00

 4DA83C

 004100

 6AC456

 002C00

 86E070

 000B00

 A2FD8B

 000000

 BFFFA6

 DCFFC2

 FAFFDE

 007300

 0B730B


 177317

 237323

 2E732E

 3A733A

 457345

 517351

 5C735C

 687368

Harmonies

Analogous

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



5D6900



007300



007846

Triad

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



007300



0070CE



C01748

Complementary

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



007300



730073

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.



B51E7E



007300



005FCD

Square

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



007300



0078B1



8743AF



B03A11

Rectangle

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



007300



00796C



8743AF



C0105A

Sweetspot

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



007300



699669



737300



314D31



CCCCCC



4D4D4D

Same Dimension

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



007300



009600



00733A



353B35



007A00



00FA00

Inverse Universe

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



730073



960096



73003A



3B353B



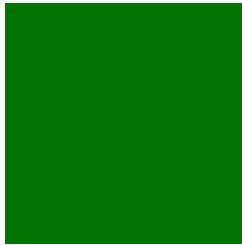
7A007A



FA00FA

Previews

White Background



This preview shows how the Hex color 007300 looks on a white background.

Color Contrast Check

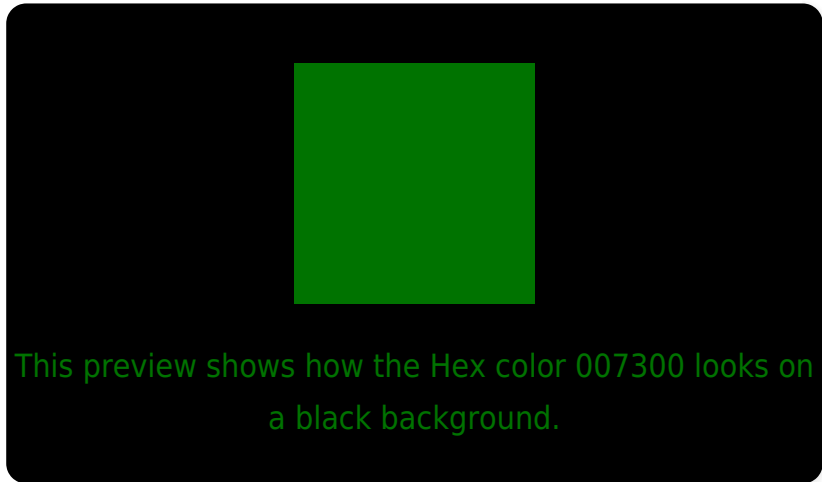
Large Text (above 18pt) WCAG AA ✓ Pass

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

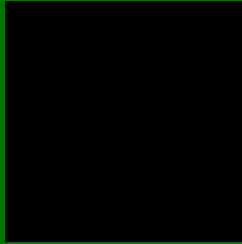
Any Text WCAG AA × Fail

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 007300 Background



This preview shows how black text looks on a background with the Hex color 007300.



This preview shows how white text looks on a background with the Hex color 007300.

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
007300

Protanopia
6F6200

Deuteranopia
7B5D19



Tritanopia
306B74

Trichromacy



Original Color
007300



Protanomaly
476800



Deuteranomaly
4E6510



Tritanomaly
1F6E4A

Monochromacy



Original Color
007300



Achromatopsia
444444



Achromatomaly
2B552B

CSS Examples

Text

The CSS property to change the color of the text to Hex 007300 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 #007300 looks like.

```
.text, #text, p{  
    color:#007300  
}
```

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 #007300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007300
}
```

Border

The CSS property to change the border of an element to Hex 007300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

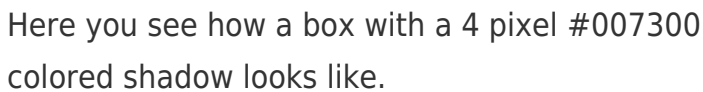
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#007300 }
```

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

```
.border{ border-color:#007300 }
```

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



Here you see how a box with a 4 pixel #007300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007300; -webkit-box-shadow:4px 4px  
4px 4px #007300; box-shadow:4px 4px 4px  
4px #007300 }
```

Background

The CSS property to change the background color of an element to Hex 007300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007300 }
```

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

```
.background{ background-color:#007300 }
```

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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