

Converting Colors

Hex(007400)

Have a look what the booklet for
Hex(007400) contains.

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Color

Hex(007400)

Conversions

Conversions Part 1

Format	Color
Hex	007400
RGB	0, 116, 0
RGB Percent	0%, 45%, 0%
CMY	1.0000, 0.5451, 1.0000
CMYK	1.00, 0.00, 1.00, 0.55
HSL	120°, 100%, 23%
HSV	120°, 100%, 45%
XYZ	6.2454, 12.4908, 2.0818
YIQ	68.0920, -31.9000, -60.6680

Conversions

Conversions Part 2

Format	Color
RYB	0, 116, 116
Decimal	29696
CIELab	41.99, -48.17, 46.50
CIELCh	42, 66.952, 136.016
Yxy	12.4908, 0.3000, 0.6000
Android (android.graphics.Color)	4278219776 (0xFF007400)
YUV	68.0920, -33.5694, -59.7167
Hunter-Lab	35.3423, -30.3060, 21.2472

Details

The Hex color **007400** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **740074**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **4DA93D**, and **004200** is the 20% darker color. If you saturate the color by 10%, you get **007400**, and if you desaturate by 10%, it is **0C740C**.

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 007400 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 007400 by changing the saturation by 10% instead.

 007400

 007400

 FFFFC

 005B00

 4DA93D

 004200

 6AC556

 002C00

 86E170

 000D00

 A3FE8B

 000000

 C0FFA6

 DDFFC2

 FBFFDF

 007400

 0C740C


 177417

 237423

 2E742E

 3A743A

 467446

 517451

 5D745D

 687468

Harmonies

Analogous

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



5E6A00



007400



007946

Triad

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



007400



0071CF



C11748

Complementary

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



007400



740074

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.



B71E7F



007400



0060CF

Square

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



007400



0079B2



8843B1



B13B11

Rectangle

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



007400



007A6D



8843B1



C1105B

Sweetspot

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



007400



699669



747400



314D31



CCCCCC



4D4D4D

Same Dimension

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



007400



009600



00743A



353B35



007A00



00FA00

Inverse Universe

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



740074



960096



74003A



3B353B



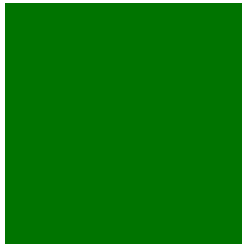
7A007A



FA00FA

Previews

White Background



This preview shows how the Hex color 007400 looks on a white background.

Color Contrast Check

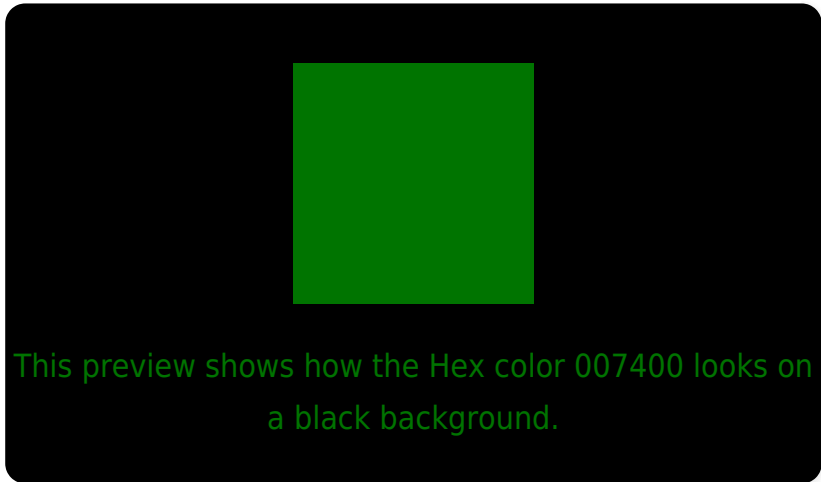
Large Text (above 18pt) WCAG AA ✓ Pass

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 007400 Background



This preview shows how black text looks on a background with the Hex color 007400.



This preview shows how white text looks on a background with the Hex color 007400.

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
007400

Protanopia
706300

Deuteranopia
7D5E19



Tritanopia
316C75

Trichromacy



Original Color
007400



Protanomaly
476900



Deuteranomaly
506610



Tritanomaly
1F6F4A

Monochromacy



Original Color
007400



Achromatopsia
444444



Achromatomaly
2B552B

CSS Examples

Text

The CSS property to change the color of the text to Hex 007400 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 #007400 looks like.

```
.text, #text, p{  
    color:#007400  
}
```

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 #007400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007400
}
```

Border

The CSS property to change the border of an element to Hex 007400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

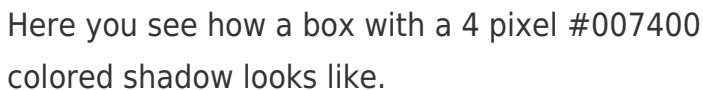
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#007400 }
```

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

```
.border{ border-color:#007400 }
```

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



Here you see how a box with a 4 pixel #007400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007400; -webkit-box-shadow:4px 4px  
4px 4px #007400; box-shadow:4px 4px 4px  
4px #007400 }
```

Background

The CSS property to change the background color of an element to Hex 007400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007400 }
```

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

```
.background{ background-color:#007400 }
```

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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