

Converting Colors

Hex(007445)

Have a look what the booklet for
Hex(007445) contains.

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Color

Hex(007445)

Conversions

Conversions Part 1

Format	Color
Hex	007445
RGB	0, 116, 69
RGB Percent	0%, 45%, 27%
CMY	1.0000, 0.5451, 0.7294
CMYK	1.00, 0.00, 0.41, 0.55
HSL	156°, 100%, 23%
HSV	156°, 100%, 45%
XYZ	7.3196, 12.9205, 7.7383
YIQ	75.9580, -54.0490, -39.2090

Conversions

Conversions Part 2

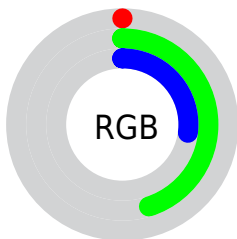
Format	Color
RYB	0, 73, 116
Decimal	29765
CIELab	42.64, -40.05, 18.27
CIELCh	43, 44.016, 155.482
Yxy	12.9205, 0.2616, 0.4618
Android (android.graphics.Color)	4278219845 (0xFF007445)
YUV	75.9580, -3.4303, -66.6152
Hunter-Lab	35.9450, -26.5554, 12.3974

Details

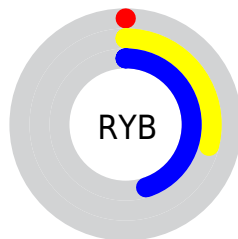
The Hex color **007445** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **74002F**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4BA976**, and **004219** is the 20% darker color. If you saturate the color by 10%, you get **007445**, and if you desaturate by 10%, it is **0C744A**.

Distribution



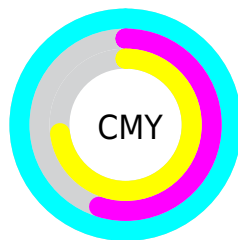
- Red (0%)
- Green (45%)
- Blue (27%)



- Red (0%)
- Yellow (29%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (73%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007445 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 007445 by changing the saturation by 10% instead.

 007445

 007445

FFFFFF

 005B2E

 4BA976

 004219

 67C58F

 002C00

 82E1AA

 001100

 9FFEC5

 000000

 BBFFE1

 D8FFFE

 F5FFFF

 007445

 0C744A


 17744E

 237453

 2E7458

 3A745D

 467461

 517466

 5D746B

 68746F

Harmonies

Analogous

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



4C6F25



007445



00766A

Triad

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



007445



1E67AD



A34A3C

Complementary

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



007445



74002F

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.



A6425F



007445



6F58A0

Square

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



007445



0070A6



964984



8F5821

Rectangle

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



007445



007683



964984



A64648

Sweetspot

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



007445



699684



307400



314D41



CCCCCC



4D4D4D

Same Dimension

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



007445



009659



006A74



353B38



007A49



00FA95

Inverse Universe

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



74002F



96003D



740A00



3B3537



7A0032



FA0065

Previews

White Background



This preview shows how the Hex color 007445 looks on a white background.

Color Contrast Check

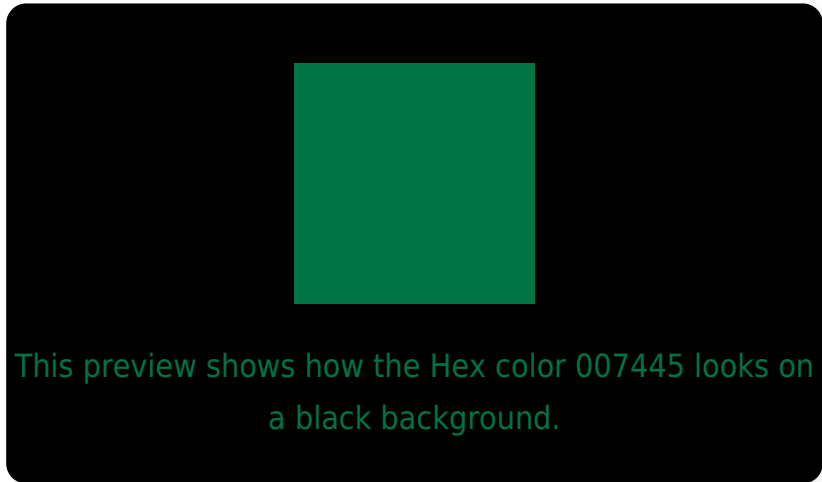
Large Text (above 18pt) WCAG AA ✓ Pass

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 007445 Background



This preview shows how black text looks on a background with the Hex color 007445.



This preview shows how white text looks on a background with the Hex color 007445.

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
007445

Protanopia
6E643F

Deuteranopia
77604A



Tritanopia
2A6E77

Trichromacy



Original Color
007445



Protanomaly
466A41



Deuteranomaly
4C6748



Tritanomaly
1B7065

Monochromacy



Original Color
007445



Achromatopsia
4C4C4C



Achromatomaly
305B49

CSS Examples

Text

The CSS property to change the color of the text to Hex 007445 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 #007445 looks like.

```
.text, #text, p{  
  color:#007445  
}
```

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 #007445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007445  
}
```

Border

The CSS property to change the border of an element to Hex 007445 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  
#007445 }
```

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

```
.border{ border-color:#007445 }
```

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

Here you see how a box with a 4 pixel #007445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007445; -webkit-box-shadow:4px 4px  
4px 4px #007445; box-shadow:4px 4px 4px  
4px #007445 }
```

Background

The CSS property to change the background color of an element to Hex 007445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007445 }
```

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

```
.background{ background-color:#007445 }
```

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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