

Converting Colors

Hex(007C49)

Have a look what the booklet for
Hex(007C49) contains.

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Color

Hex(007C49)

Conversions

Conversions Part 1

Format	Color
Hex	007C49
RGB	0, 124, 73
RGB Percent	0%, 49%, 29%
CMY	1.0000, 0.5137, 0.7137
CMYK	1.00, 0.00, 0.41, 0.51
HSL	155°, 100%, 24%
HSV	155°, 100%, 49%
XYZ	8.4102, 14.8963, 8.7353
YIQ	81.1100, -57.5330, -42.1490

Conversions

Conversions Part 2

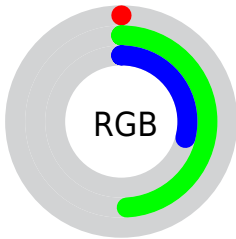
Format	Color
RYB	0, 78, 124
Decimal	31817
CIELab	45.49, -42.25, 19.76
CIELCh	45, 46.639, 154.931
Yxy	14.8963, 0.2625, 0.4649
Android (android.graphics.Color)	4278221897 (0xFF007C49)
YUV	81.1100, -3.9982, -71.1335
Hunter-Lab	38.5958, -28.6464, 13.5980

Details

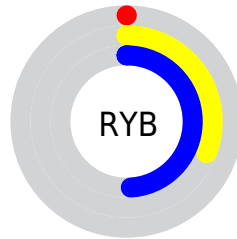
The Hex color **007C49** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7C0033**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **4DB27A**, and **004A1C** is the 20% darker color. If you saturate the color by 10%, you get **007C49**, and if you desaturate by 10%, it is **0C7C4E**.

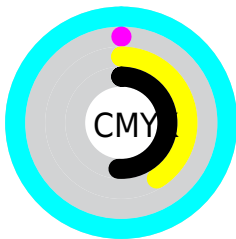
Distribution



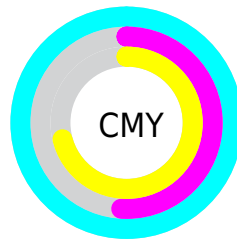
- Red (0%)
- Green (49%)
- Blue (29%)



- Red (0%)
- Yellow (31%)
- Blue (49%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (51%)



- Cyan (100%)
- Magenta (51%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007C49 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 007C49 by changing the saturation by 10% instead.



007C49



007C49

FFFFFF



006232



4DB27A



004A1C



6ACD94



003205



86EAAF



001C00



A2FFCA



000000



BFFFE6



DCFFFF



FAFFFF



007C49

 0C7C4E

 197C53

 257C58

 327C5D

 3E7C63

 4A7C68

 577C6D

 637C72

 707C77

Harmonies

Analogous

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



527627



007C49



007E71

Triad

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



007C49



1A6EB9



AE4E41

Complementary

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



007C49



7C0033

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.



B24767



007C49



755FAC

Square

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



007C49



0078B2



A04E8D



9A5D23

Rectangle

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



007C49



007E8B



A04E8D



B24A4D

Sweetspot

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



007C49



70A18D



347C00



345246



D1D1D1



525252

Same Dimension

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



007C49



00A15F



00727C



373D3B



007D4A



00FC95

Inverse Universe

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



7C0033



A10042



7C0A00



3D373A



7D0033



FC0068

Previews

White Background



This preview shows how the Hex color 007C49 looks on a white background.

Color Contrast Check

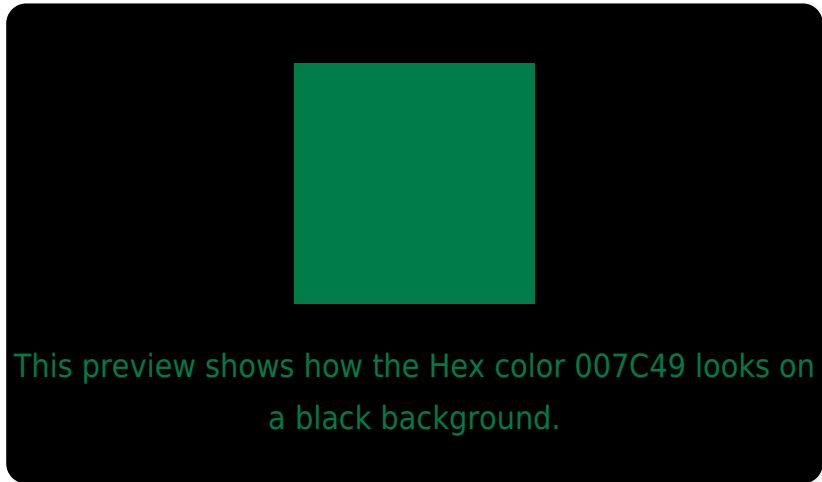
Large Text (above 18pt) WCAG AA ✓ Pass

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 007C49 Background



This preview shows how black text looks on a background with the Hex color 007C49.

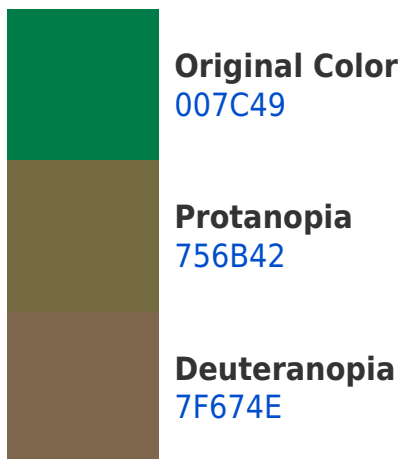


This preview shows how white text looks on a background with the Hex color 007C49.

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





Tritanopia
2D767F

Trichromacy



Original Color
007C49



Protanomaly
4A7145



Deuteranomaly
516F4C



Tritanomaly
1D786B

Monochromacy



Original Color
007C49



Achromatopsia
515151



Achromatomaly
34614E

CSS Examples

Text

The CSS property to change the color of the text to Hex 007C49 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 #007C49 looks like.

```
.text, #text, p{  
    color:#007C49  
}
```

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 #007C49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007C49
}
```

Border

The CSS property to change the border of an element to Hex 007C49 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
#007C49 }
```

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

```
.border{ border-color:#007C49 }
```

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

Here you see how a box with a 4 pixel #007C49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007C49; -webkit-box-shadow:4px 4px  
4px 4px #007C49; box-shadow:4px 4px 4px  
4px #007C49 }
```

Background

The CSS property to change the background color of an element to Hex 007C49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007C49 }
```

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

```
.background{ background-color:#007C49 }
```

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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