

Converting Colors

Hex(007947)

Have a look what the booklet for
Hex(007947) contains.

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Color

Hex(007947)

Conversions

Conversions Part 1

Format	Color
Hex	007947
RGB	0, 121, 71
RGB Percent	0%, 47%, 28%
CMY	1.0000, 0.5255, 0.7216
CMYK	1.00, 0.00, 0.41, 0.53
HSL	155°, 100%, 24%
HSV	155°, 100%, 47%
XYZ	7.9747, 14.1297, 8.2682
YIQ	79.1210, -56.0660, -41.2020

Conversions

Conversions Part 2

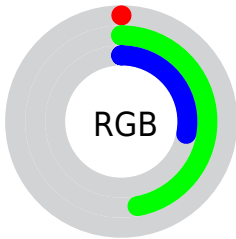
Format	Color
RYB	0, 76, 121
Decimal	31047
CIELab	44.42, -41.53, 19.48
CIELCh	44, 45.872, 154.876
Yxy	14.1297, 0.2626, 0.4652
Android (android.graphics.Color)	4278221127 (0xFF007947)
YUV	79.1210, -4.0037, -69.3891
Hunter-Lab	37.5895, -27.9123, 13.2711

Details

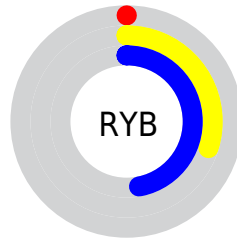
The Hex color **007947** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **790032**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **4CAE78**, and **00471A** is the 20% darker color. If you saturate the color by 10%, you get **007947**, and if you desaturate by 10%, it is **0C794C**.

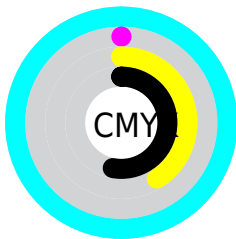
Distribution



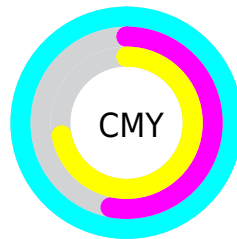
- Red (0%)
- Green (47%)
- Blue (28%)



- Red (0%)
- Yellow (30%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007947 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 007947 by changing the saturation by 10% instead.

 007947

 007947

FFFFFF

 006030

 4CAE78

 00471A

 69CA92

 003002

 85E7AC

 001800

 A1FFC8

 000000

 BDFFE4

 DAFFFF

 F8FFFF

 007947

 0C794C

 187951


 247956

 30795B

 3C7960

 497965

 55796A

 61796F

 6D7974

Harmonies

Analogous

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



507326



007947



007B6E

Triad

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



007947



186BB5



AA4C40

Complementary

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



007947



790032

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.



AE4564



007947



725CA8

Square

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



007947



0075AE



9C4C8A



965B22

Rectangle

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



007947



007B88



9C4C8A



AD484B

Sweetspot

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



007947



6F9E8B



327900



334F43



CFCFCF



4F4F4F

Same Dimension

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



007947



009E5D



006F79



373D3B



007D49



00FC94

Inverse Universe

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



790032



9E0041



790A00



3D373A



7D0034



FC0068

Previews

White Background



This preview shows how the Hex color 007947 looks on a white background.

Color Contrast Check

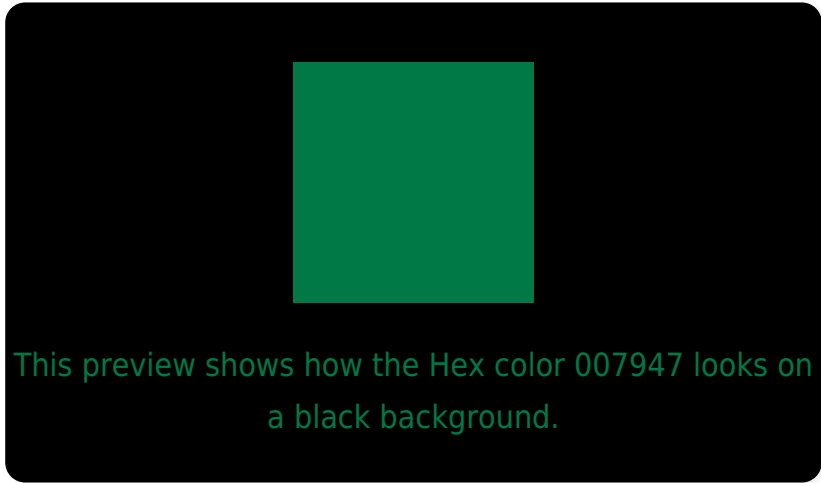
Large Text (above 18pt) WCAG AA ✓ Pass

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 007947 Background



This preview shows how black text looks on a background with the Hex color 007947.

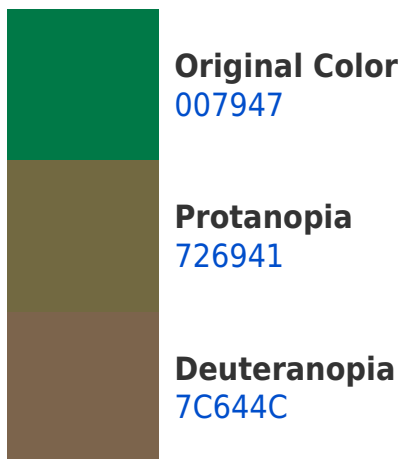


This preview shows how white text looks on a background with the Hex color 007947.

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
2C737C

Trichromacy



Original Color
007947



Protanomaly
496F43



Deuteranomaly
4F6C4A



Tritanomaly
1C7569

Monochromacy



Original Color
007947



Achromatopsia
4F4F4F



Achromatomaly
325E4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 007947 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 #007947 looks like.

```
.text, #text, p{  
  color:#007947  
}
```

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 #007947 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007947
}
```

Border

The CSS property to change the border of an element to Hex 007947 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
#007947 }
```

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

```
.border{ border-color:#007947 }
```

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

Here you see how a box with a 4 pixel #007947 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007947; -webkit-box-shadow:4px 4px  
4px 4px #007947; box-shadow:4px 4px 4px  
4px #007947 }
```

Background

The CSS property to change the background color of an element to Hex 007947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007947 }
```

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

```
.background{ background-color:#007947 }
```

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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