

Converting Colors

Hex(007A4B)

Have a look what the booklet for
Hex(007A4B) contains.

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Color

Hex(007A4B)

Conversions

Conversions Part 1

Format	Color
Hex	007A4B
RGB	0, 122, 75
RGB Percent	0%, 48%, 29%
CMY	1.0000, 0.5216, 0.7059
CMYK	1.00, 0.00, 0.39, 0.52
HSL	157°, 100%, 24%
HSV	157°, 100%, 48%
XYZ	8.2295, 14.4271, 9.0076
YIQ	80.1640, -57.6250, -40.4810

Conversions

Conversions Part 2

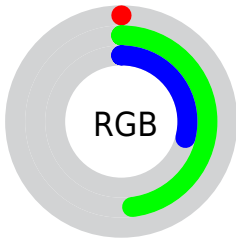
Format	Color
RYB	0, 76, 122
Decimal	31307
CIELab	44.84, -41.04, 17.75
CIELCh	45, 44.714, 156.612
Yxy	14.4271, 0.2599, 0.4556
Android (android.graphics.Color)	4278221387 (0xFF007A4B)
YUV	80.1640, -2.5459, -70.3038
Hunter-Lab	37.9830, -27.7957, 12.5276

Details

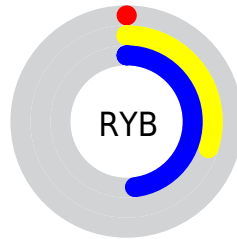
The Hex color **007A4B** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7A002F**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **4DAF7C**, and **00481E** is the 20% darker color. If you saturate the color by 10%, you get **007A4B**, and if you desaturate by 10%, it is **0C7A50**.

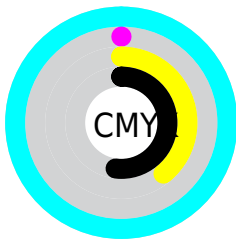
Distribution



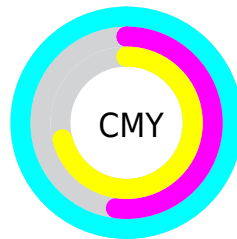
- Red (0%)
- Green (48%)
- Blue (29%)



- Red (0%)
- Yellow (30%)
- Blue (48%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (52%)



- Cyan (100%)
- Magenta (52%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007A4B 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 007A4B by changing the saturation by 10% instead.

 007A4B

 007A4B

FFFFFF

 006034

 4DAF7C

 00481E

 69CB96

 003007

 85E8B1

 001A00

 A1FFCC

 000000

 BEFFE9

 DBFFFF


 F9FFFF

 007A4B

 0C7A50

 187A54

 257A59

 317A5E

 3D7A63

 497A67

 557A6C

 627A71

 6E7A75

Harmonies

Analogous

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



4F742A



007A4B



007C71

Triad

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



007A4B



2A6CB4



A94F40

Complementary

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



007A4B



7A002F

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.



AE4763



007A4B



775DA6

Square

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



007A4B



0076AE



9E4E88



955D24

Rectangle

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



007A4B



007C8A



9E4E88



AD4B4B

Sweetspot

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



007A4B



6F9E8C



317A00



334F44



CFCFCF



4F4F4F

Same Dimension

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



007A4B



009E61



006E7A



373D3B



007D4D



00FC9B

Inverse Universe

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



7A002F



9E003D



7A0C00



3D3739



7D0030



FC0061

Previews

White Background



This preview shows how the Hex color 007A4B looks on a white background.

Color Contrast Check

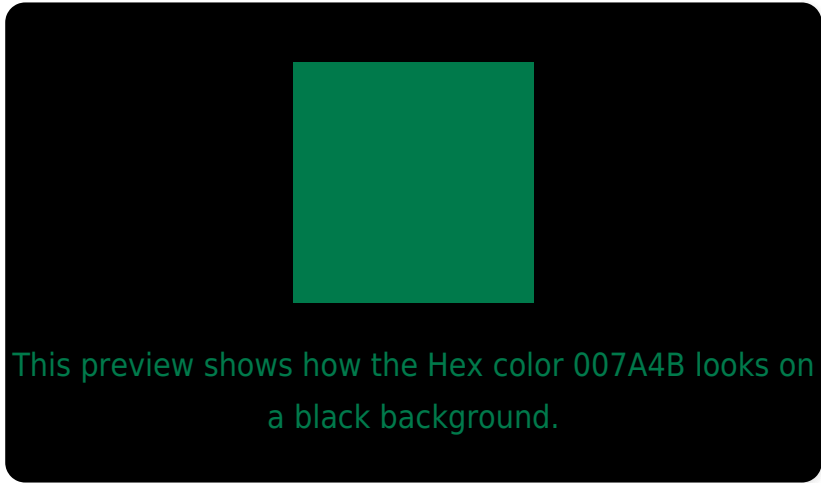
Large Text (above 18pt) WCAG AA ✓ Pass

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 007A4B Background



This preview shows how black text looks on a background with the Hex color 007A4B.



This preview shows how white text looks on a background with the Hex color 007A4B.

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
007A4B

Protanopia
736A44

Deuteranopia
7D6550



Tritanopia
2C747D

Trichromacy



Original Color
007A4B



Protanomaly
497047



Deuteranomaly
506D4E



Tritanomaly
1C766B

Monochromacy



Original Color
007A4B



Achromatopsia
505050



Achromatomaly
335F4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 007A4B 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 #007A4B looks like.

```
.text, #text, p{  
    color:#007A4B  
}
```

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 #007A4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007A4B
}
```

Border

The CSS property to change the border of an element to Hex 007A4B 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
#007A4B }
```

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

```
.border{ border-color:#007A4B }
```

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

Here you see how a box with a 4 pixel #007A4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007A4B; -webkit-box-shadow:4px 4px  
4px 4px #007A4B; box-shadow:4px 4px 4px  
4px #007A4B }
```

Background

The CSS property to change the background color of an element to Hex 007A4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007A4B }
```

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

```
.background{ background-color:#007A4B }
```

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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