

Converting Colors

Hex(007D4A)

Have a look what the booklet for
Hex(007D4A) contains.

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Color

Hex(007D4A)

Conversions

Conversions Part 1

Format	Color
Hex	007D4A
RGB	0, 125, 74
RGB Percent	0%, 49%, 29%
CMY	1.0000, 0.5098, 0.7098
CMYK	1.00, 0.00, 0.41, 0.51
HSL	156°, 100%, 25%
HSV	156°, 100%, 49%
XYZ	8.5696, 15.1616, 8.9534
YIQ	81.8110, -58.1290, -42.3610

Conversions

Conversions Part 2

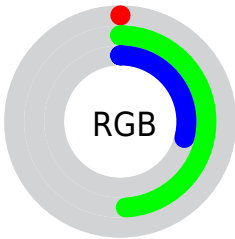
Format	Color
RYB	0, 79, 125
Decimal	32074
CIELab	45.85, -42.41, 19.68
CIELCh	46, 46.753, 155.112
Yxy	15.1616, 0.2622, 0.4639
Android (android.graphics.Color)	4278222154 (0xFF007D4A)
YUV	81.8110, -3.8508, -71.7482
Hunter-Lab	38.9380, -28.8563, 13.6234

Details

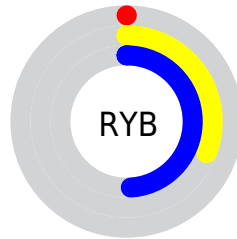
The Hex color **007D4A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7D0033**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **4EB37B**, and **004B1D** is the 20% darker color. If you saturate the color by 10%, you get **007D4A**, and if you desaturate by 10%, it is **0C7D4F**.

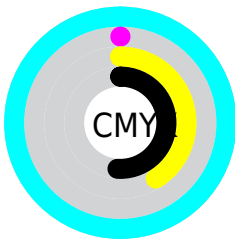
Distribution



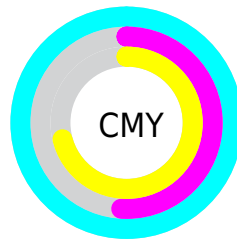
- Red (0%)
- Green (49%)
- Blue (29%)



- 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 007D4A 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 007D4A by changing the saturation by 10% instead.

 007D4A

 007D4A

FFFFFF

 006333

 4EB37B

 004B1D

 6ACF95

 003306

 86EBB0

 001D00

 A3FFCB

 000000

 BFFFE8

 DCFFFF

 FAFFFF

 007D4A

 0C7D4F

 197D54

 267D59


 327D5E

 3F7D64

 4B7D69

 577D6E

 647D73

 717D78

Harmonies

Analogous

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



527728



007D4A



007F72

Triad

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



007D4A



1D6FBB



AF4F42

Complementary

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



007D4A



7D0033

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.



B34867



007D4A



775FAD

Square

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



007D4A



0079B3



A14F8E



9B5E23

Rectangle

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



007D4A



007F8D



A14F8E



B34B4E

Sweetspot

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



007D4A



72A38F



347D00



345246



D1D1D1



525252

Same Dimension

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



007D4A



00A361



00737D



39403D



00804B



000000

Inverse Universe

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



7D0033



A30043



7D0A00



40393C



800034



000000

Previews

White Background



This preview shows how the Hex color 007D4A looks on a white background.

Color Contrast Check

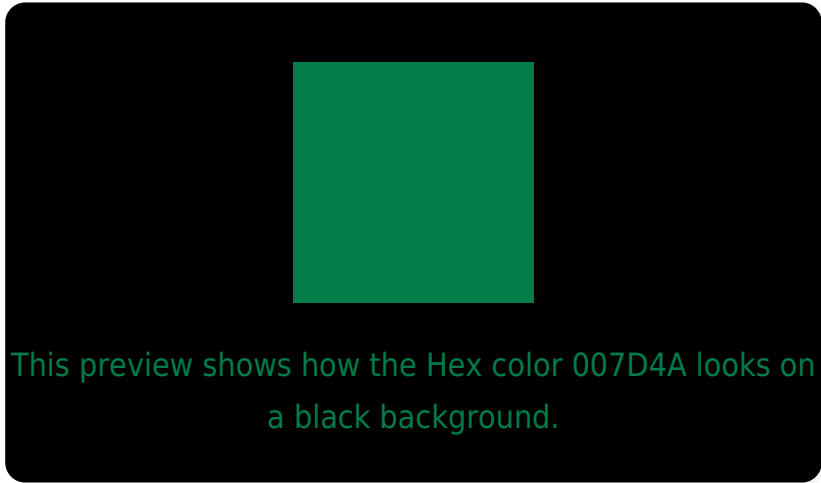
Large Text (above 18pt) WCAG AA ✓ Pass

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

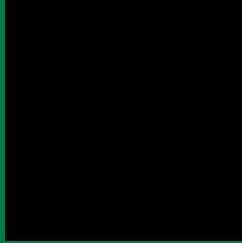
Any Text WCAG AA × Fail

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 007D4A Background



This preview shows how black text looks on a background with the Hex color 007D4A.



This preview shows how white text looks on a background with the Hex color 007D4A.

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
007D4A

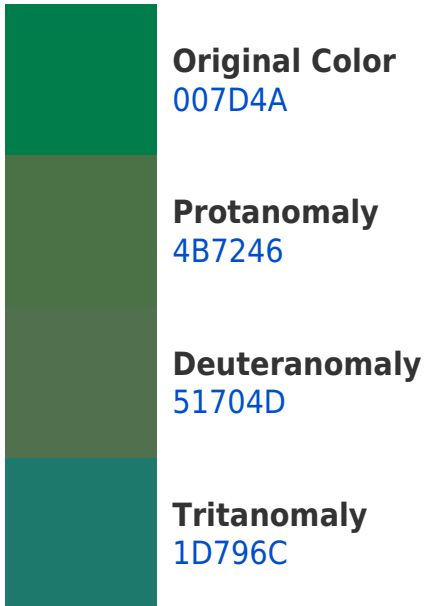
Protanopia
766C43

Deuteranopia
80684F

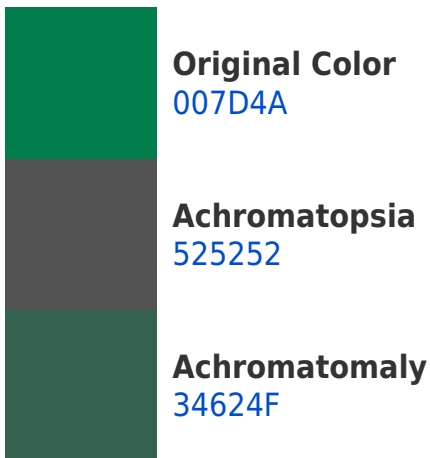


Tritanopia
2E7780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 007D4A 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 #007D4A looks like.

```
.text, #text, p{  
    color:#007D4A  
}
```

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 #007D4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007D4A
}
```

Border

The CSS property to change the border of an element to Hex 007D4A 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
#007D4A }
```

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

```
.border{ border-color:#007D4A }
```

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

Here you see how a box with a 4 pixel #007D4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007D4A; -webkit-box-shadow:4px 4px  
4px 4px #007D4A; box-shadow:4px 4px 4px  
4px #007D4A }
```

Background

The CSS property to change the background color of an element to Hex 007D4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007D4A }
```

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

```
.background{ background-color:#007D4A }
```

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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