

Converting Colors

Hex(007E4B)

Have a look what the booklet for
Hex(007E4B) contains.

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Color

Hex(007E4B)

Conversions

Conversions Part 1

Format	Color
Hex	007E4B
RGB	0, 126, 75
RGB Percent	0%, 49%, 29%
CMY	1.0000, 0.5059, 0.7059
CMYK	1.00, 0.00, 0.40, 0.51
HSL	156°, 100%, 25%
HSV	156°, 100%, 49%
XYZ	8.7309, 15.4297, 9.1747
YIQ	82.5120, -58.7250, -42.5730

Conversions

Conversions Part 2

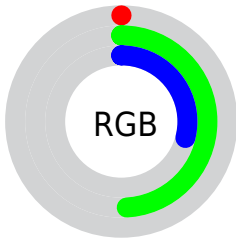
Format	Color
RYB	0, 79, 126
Decimal	32331
CIELab	46.22, -42.58, 19.59
CIELCh	46, 46.866, 155.292
Yxy	15.4297, 0.2619, 0.4629
Android (android.graphics.Color)	4278222411 (0xFF007E4B)
YUV	82.5120, -3.7034, -72.3630
Hunter-Lab	39.2807, -29.0662, 13.6483

Details

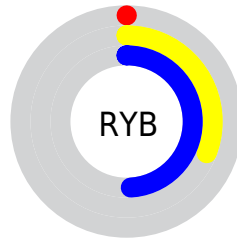
The Hex color **007E4B** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7E0033**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **4EB47C**, and **004C1E** is the 20% darker color. If you saturate the color by 10%, you get **007E4B**, and if you desaturate by 10%, it is **0D7E50**.

Distribution



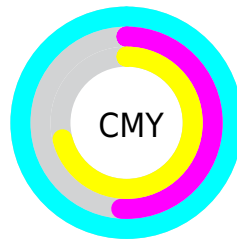
- Red (0%)
- Green (49%)
- Blue (29%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (51%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 007E4B 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 007E4B by changing the saturation by 10% instead.

 007E4B

 007E4B

FFFFFF

 006434

 4EB47C

 004C1E

 6AD096

 003407

 87ECB1

 001E00

 A3FFCD

 000000

 C0FFE9

 DDFFFF

 FBFFFF

 007E4B

 0D7E50

 197E55

 267E5A


 327E5F

 3F7E65

 4C7E6A

 587E6F

 657E74

 717E79

Harmonies

Analogous

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



537829



007E4B



008074

Triad

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



007E4B



1F70BC



B05042

Complementary

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



007E4B



7E0033

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.



B44868



007E4B



7860AE

Square

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



007E4B



007AB4



A2508F



9C5F24

Rectangle

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



007E4B



00808E



A2508F



B44C4E

Sweetspot

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



007E4B



72A38F



347E00



345246



D1D1D1



525252

Same Dimension

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



007E4B



00A361



00747E



39403D



00804C



000000

Inverse Universe

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



7E0033



A30042



7E0B00



40393C



800034



000000

Previews

White Background



This preview shows how the Hex color 007E4B looks on a white background.

Color Contrast Check

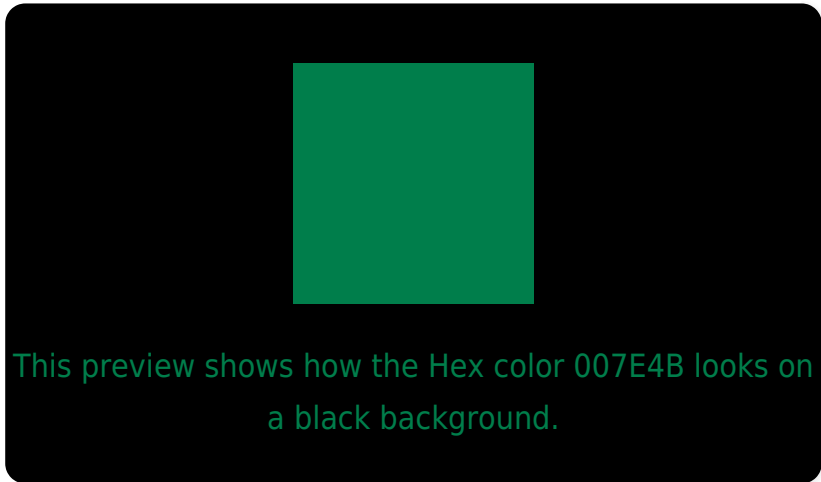
Large Text (above 18pt) WCAG AA ✓ Pass

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 007E4B Background



This preview shows how black text looks on a background with the Hex color 007E4B.



This preview shows how white text looks on a background with the Hex color 007E4B.

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
007E4B

Protanopia
776D44

Deuteranopia
816950



Tritanopia
2E7881

Trichromacy



Original Color
007E4B



Protanomaly
4C7347



Deuteranomaly
52714E



Tritanomaly
1D7A6D

Monochromacy



Original Color
007E4B



Achromatopsia
535353



Achromatomaly
356350

CSS Examples

Text

The CSS property to change the color of the text to Hex 007E4B 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 #007E4B looks like.

```
.text, #text, p{  
    color:#007E4B  
}
```

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 #007E4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007E4B
}
```

Border

The CSS property to change the border of an element to Hex 007E4B 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
#007E4B }
```

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

```
.border{ border-color:#007E4B }
```

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

Here you see how a box with a 4 pixel #007E4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007E4B; -webkit-box-shadow:4px 4px  
4px 4px #007E4B; box-shadow:4px 4px 4px  
4px #007E4B }
```

Background

The CSS property to change the background color of an element to Hex 007E4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007E4B }
```

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

```
.background{ background-color:#007E4B }
```

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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