

# Converting Colors

Hex(006E4D)

Have a look what the booklet for  
Hex(006E4D) contains.

<b>Hex(006E4D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(006E4D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	006E4D
RGB	0, 110, 77
RGB Percent	0%, 43%, 30%
CMY	1.0000, 0.5686, 0.6980
CMYK	1.00, 0.00, 0.30, 0.57
HSL	162°, 100%, 22%
HSV	162°, 100%, 43%
XYZ	6.9155, 11.6877, 8.9126
YIQ	73.3480, -54.9670, -33.5830

# Conversions

## Conversions Part 2

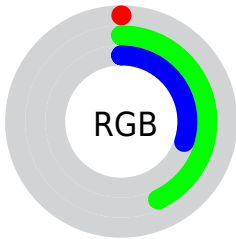
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 65, 110
Decimal	28237
CIELab	40.72, -35.73, 10.95
CIELCh	41, 37.366, 162.965
Yxy	11.6877, 0.2513, 0.4248
Android (android.graphics.Color)	4278218317 (0xFF006E4D)
YUV	73.3480, 1.8004, -64.3262
Hunter-Lab	34.1873, -23.7203, 8.4741

# Details

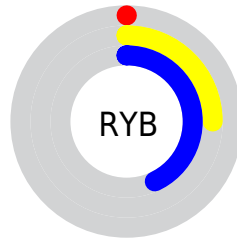
The Hex color **006E4D** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6E0021**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **49A27E**, and **003D21** is the 20% darker color. If you saturate the color by 10%, you get **006E4D**, and if you desaturate by 10%, it is **0B6E50**.

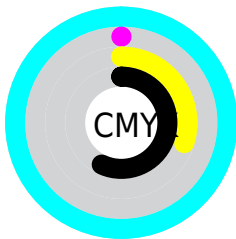
# Distribution



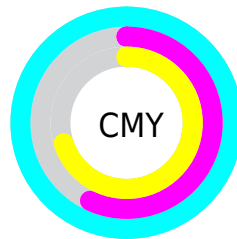
- Red (0%)
- Green (43%)
- Blue (30%)



- Red (0%)
- Yellow (25%)
- Blue (43%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (57%)



- Cyan (100%)
- Magenta (57%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 006E4D 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 006E4D by changing the saturation by 10% instead.



 006E4D

 006E4D

FFFFFF

 005536

 49A27E

 003D21

 65BE98

 00270B

 80DAB3

 000500

 9CF7CE

 000000

 B8FFEA

 D5FFFF

 F3FFFF

 006E4D

 0B6E50

 166E54

 216E57

 2C6E5A

 376E5E

 426E61

 4D6E64

 586E67

 636E6B

# Harmonies

## Analogous

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



436A31



006E4D



006F6D

# Triad

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



006E4D



425F9C



924D38

# Complementary

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



006E4D



6E0021

# 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.



994554



006E4D



73528D

# Square

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



006E4D



00689A



8F4873



805824

# Rectangle

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



006E4D



006E80



8F4873



964940



# Sweetspot

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



006E4D



648F82



216E00



2E4740



C7C7C7



474747



# Same Dimension

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



006E4D



008F64



00586E



323836



007854



00F7AD



# Inverse Universe

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



6E0021



8F002B



6E1600



383234



780024



F7004A



# Previews

## White Background



This preview shows how the Hex color 006E4D looks on a white background.

## Color Contrast Check

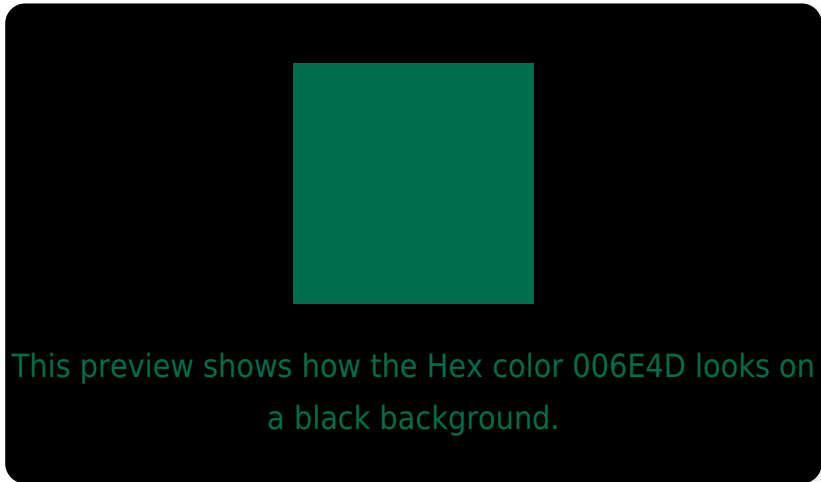
Large Text (above 18pt) WCAG AA ✓ Pass

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 006E4D Background



This preview shows how black text looks on a background with the Hex color 006E4D.

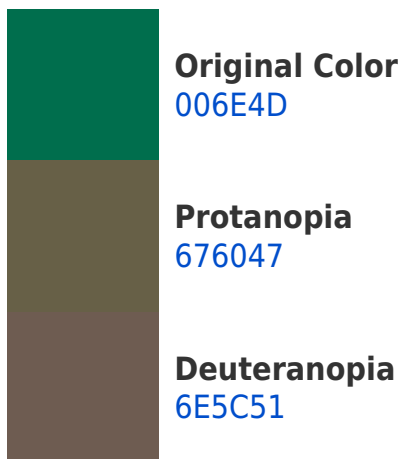


This preview shows how white text looks on a background with the Hex color 006E4D.

# 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**  
256972

# Trichromacy



**Original Color**  
006E4D



**Protanomaly**  
426549



**Deuteranomaly**  
466350



**Tritanomaly**  
186B65

# Monochromacy



**Original Color**  
006E4D



**Achromatopsia**  
494949



**Achromatomaly**  
2E564A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006E4D 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 #006E4D looks like.

```
.text, #text, p{  
    color:#006E4D  
}
```

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 #006E4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006E4D
}
```

## Border

The CSS property to change the border of an element to Hex 006E4D 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
#006E4D }
```

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

```
.border{ border-color:#006E4D }
```

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

Here you see how a box with a 4 pixel #006E4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006E4D; -webkit-box-shadow:4px 4px  
4px 4px #006E4D; box-shadow:4px 4px 4px  
4px #006E4D }
```

# Background

The CSS property to change the background color of an element to Hex 006E4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006E4D }
```

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

```
.background{ background-color:#006E4D }
```

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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