

# Converting Colors

Hex(004E4D)

Have a look what the booklet for  
Hex(004E4D) contains.

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# Color

**Hex(004E4D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	004E4D
RGB	0, 78, 77
RGB Percent	0%, 31%, 30%
CMY	1.0000, 0.6941, 0.6980
CMYK	1.00, 0.00, 0.01, 0.69
HSL	179°, 100%, 15%
HSV	179°, 100%, 31%
XYZ	4.0639, 5.9846, 7.9621
YIQ	54.5640, -46.1670, -16.8470

# Conversions

## Conversions Part 2

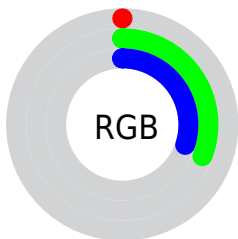
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 39, 78
Decimal	20045
CIELab	29.37, -20.74, -5.40
CIELCh	29, 21.429, 194.608
Yxy	5.9846, 0.2256, 0.3323
Android (android.graphics.Color)	4278210125 (0xFF004E4D)
YUV	54.5640, 11.0609, -47.8526
Hunter-Lab	24.4634, -13.1580, -2.1727

# Details

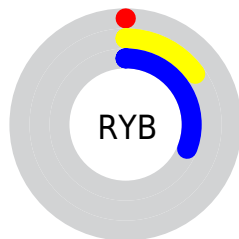
The Hex color **004E4D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4E0001**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **407F7E**, and **002221** is the 20% darker color. If you saturate the color by 10%, you get **004E4D**, and if you desaturate by 10%, it is **084E4D**.

# Distribution



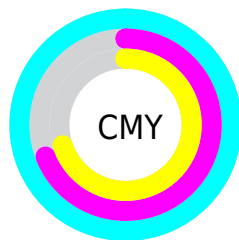
- Red (0%)
- Green (31%)
- Blue (30%)



- Red (0%)
- Yellow (15%)
- Blue (31%)



- Cyan (100%)
- Magenta (0%)
- Yellow (1%)
- Black (69%)



- Cyan (100%)
- Magenta (69%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 004E4D 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 004E4D by changing the saturation by 10% instead.



004E4D

004E4D

FFFFFF

003736

407F7E

002221

5A9A98

00000B

75B5B2

000000

90D0CE

ACEDEA

C8FFFF

E4FFFF

004E4D

■ 084E4D

■ 104E4D

■ 174E4D

■ 1F4E4D

■ 274E4E

■ 2F4E4E

■ 374E4E

■ 3E4E4E

■ 464E4E

# Harmonies

## Analogous

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



1F4D3C



004E4D



004D5C

# Triad

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



004E4D



513E5D



574125

# Complementary

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



004E4D



4E0001

# 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.



623C2F



004E4D



60394E

# Square

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



004E4D



3A4465



65383E



484724

# Rectangle

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



004E4D



0E4B63



65383E



5B3F28



# Sweetspot

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



004E4D



476666



014E00



213333



B3B3B3



333333



# Same Dimension

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



004E4D



006665



00284E



222626



00E6E3

# Inverse Universe

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



4E0001



660001



4E2600



262222



E60003

# Previews

## White Background



This preview shows how the Hex color 004E4D looks on a white background.

## Color Contrast Check

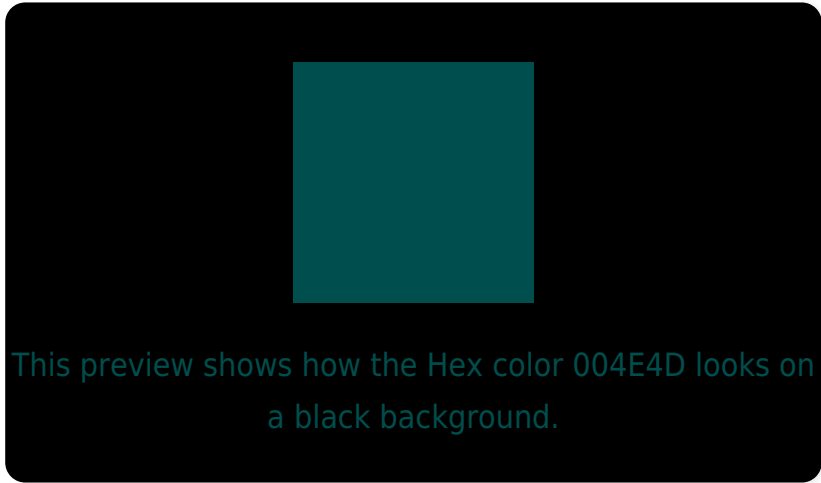
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

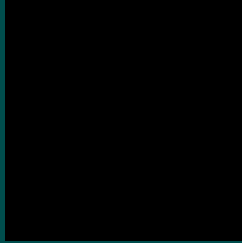
Any Text WCAG AA × Fail

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 004E4D Background



This preview shows how black text looks on a background with the Hex color 004E4D.



This preview shows how white text looks on a background with the Hex color 004E4D.

# 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**  
004E4D

**Protanopia**  
464548

**Deuteranopia**  
48444F





**Tritanopia**  
0F4D53

# Trichromacy



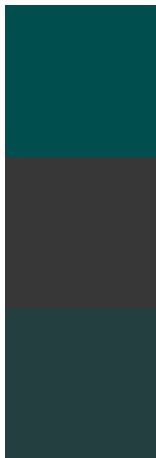
**Original Color**  
004E4D

**Protanomaly**  
2D484A

**Deuteranomaly**  
2E484E

**Tritanomaly**  
0A4D51

# Monochromacy



**Original Color**  
004E4D

**Achromatopsia**  
373737

**Achromatomaly**  
233F3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 004E4D 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 #004E4D looks like.

```
.text, #text, p{  
    color:#004E4D  
}
```

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 #004E4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004E4D
}
```

## Border

The CSS property to change the border of an element to Hex 004E4D 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
#004E4D }
```

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

```
.border{ border-color:#004E4D }
```

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

Here you see how a box with a 4 pixel #004E4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004E4D; -webkit-box-shadow:4px 4px  
4px 4px #004E4D; box-shadow:4px 4px 4px  
4px #004E4D }
```

# Background

The CSS property to change the background color of an element to Hex 004E4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004E4D }
```

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

```
.background{ background-color:#004E4D }
```

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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