

Converting Colors

Hex(004D4E)

Have a look what the booklet for
Hex(004D4E) contains.

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Color

Hex(004D4E)

Conversions

Conversions Part 1

Format	Color
Hex	004D4E
RGB	0, 77, 78
RGB Percent	0%, 30%, 31%
CMY	1.0000, 0.6980, 0.6941
CMYK	1.00, 0.01, 0.00, 0.69
HSL	181°, 100%, 15%
HSV	181°, 100%, 31%
XYZ	4.0290, 5.8578, 8.1260
YIQ	54.0910, -46.2130, -16.0130

Conversions

Conversions Part 2

Format	Color
RYB	0, 39, 78
Decimal	19790
CIELab	29.05, -19.85, -6.53
CIELCh	29, 20.894, 198.214
Yxy	5.8578, 0.2237, 0.3252
Android (android.graphics.Color)	4278209870 (0xFF004D4E)
YUV	54.0910, 11.7871, -47.4378
Hunter-Lab	24.2029, -12.6405, -2.9644

Details

The Hex color **004D4E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4E0100**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **407E7F**, and **002122** is the 20% darker color. If you saturate the color by 10%, you get **004D4E**, and if you desaturate by 10%, it is **084D4E**.

Distribution



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



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 004D4E 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 004D4E by changing the saturation by 10% instead.

 004D4E

 004D4E

FFFFFF

 003637

 407E7F

 002122

 5A9899

 00000C

 75B3B4

 000000

 90CFCF

 ABEBEB

 C8FFFF

 E4FFFF

 004D4E

■ 084D4E

■ 104D4E

■ 174D4E

■ 1F4D4E

■ 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.



1D4D3D



004D4E



004B5C

Triad

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



004D4E



523D5A



554125

Complementary

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



004D4E



4E0100

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.



603C2D



004D4E



60384C

Square

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



004D4E



3D4363



64383B



454725

Rectangle

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



004D4E



154962



64383B



593F27

Sweetspot

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



004D4E



476666



004E00



213333



B3B3B3



333333

Same Dimension

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



004D4E



006566



00274E



222626



00E3E6

Inverse Universe

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



4E004D



660065



4E2700



262226



E600E3

Previews

White Background



This preview shows how the Hex color 004D4E looks on a white background.

Color Contrast Check

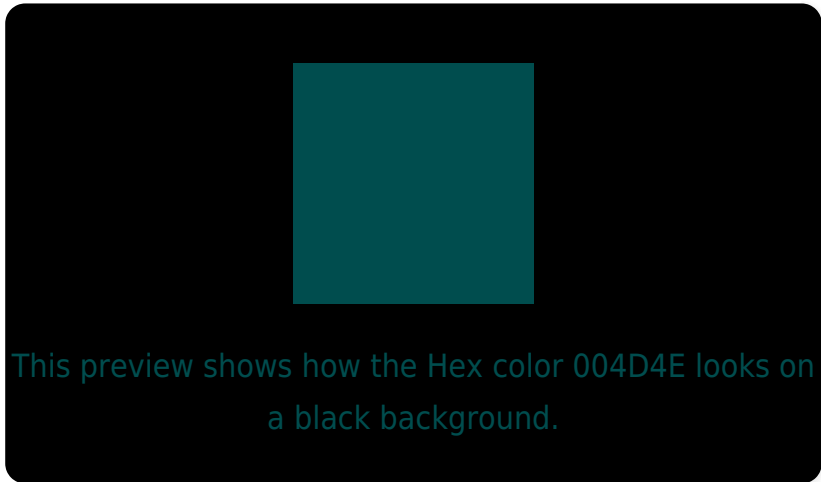
Large Text (above 18pt) WCAG AA ✓ Pass

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

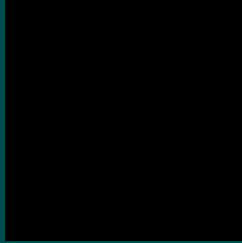
Any Text WCAG AA × Fail

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 004D4E Background



This preview shows how black text looks on a background with the Hex color 004D4E.



This preview shows how white text looks on a background with the Hex color 004D4E.

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
004D4E

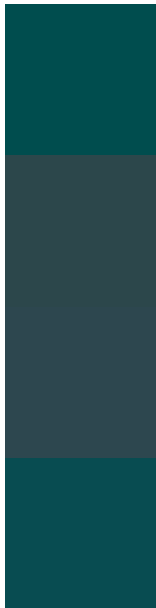
Protanopia
454449

Deuteranopia
464350



Tritanopia
0D4C53

Trichromacy



Original Color
004D4E

Protanomaly
2C474B

Deuteranomaly
2D474F

Tritanomaly
084C51

Monochromacy



Original Color
004D4E

Achromatopsia
363636

Achromatomaly
223E3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 004D4E 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 #004D4E looks like.

```
.text, #text, p{  
    color:#004D4E  
}
```

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 #004D4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004D4E
}
```

Border

The CSS property to change the border of an element to Hex 004D4E 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
#004D4E }
```

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

```
.border{ border-color:#004D4E }
```

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

Here you see how a box with a 4 pixel #004D4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004D4E; -webkit-box-shadow:4px 4px  
4px 4px #004D4E; box-shadow:4px 4px 4px  
4px #004D4E }
```

Background

The CSS property to change the background color of an element to Hex 004D4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004D4E }
```

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

```
.background{ background-color:#004D4E }
```

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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