

Converting Colors

Hex(004D4F)

Have a look what the booklet for
Hex(004D4F) contains.

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Color

Hex(004D4F)

Conversions

Conversions Part 1

Format	Color
Hex	004D4F
RGB	0, 77, 79
RGB Percent	0%, 30%, 31%
CMY	1.0000, 0.6980, 0.6902
CMYK	1.00, 0.03, 0.00, 0.69
HSL	182°, 100%, 15%
HSV	182°, 100%, 31%
XYZ	4.0652, 5.8723, 8.3163
YIQ	54.2050, -46.5340, -15.7020

Conversions

Conversions Part 2

Format	Color
RYB	0, 39, 79
Decimal	19791
CIELab	29.09, -19.49, -7.12
CIELCh	29, 20.747, 200.068
Yxy	5.8723, 0.2227, 0.3217
Android (android.graphics.Color)	4278209871 (0xFF004D4F)
YUV	54.2050, 12.2239, -47.5378
Hunter-Lab	24.2328, -12.4631, -3.3846

Details

The Hex color **004D4F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4F0200**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **407E80**, and **002123** is the 20% darker color. If you saturate the color by 10%, you get **004D4F**, and if you desaturate by 10%, it is **084D4F**.

Distribution



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



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



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (69%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 004D4F 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 004D4F by changing the saturation by 10% instead.

004D4F

004D4F

FFFFFF

003638

407E80

002123

5B989A

00010D

75B3B5

000000

90CFD0

ACEBED

C8FFFF

E5FFFF

004D4F

■ 084D4F

■ 104D4F

■ 184E4F

■ 204E4F

■ 284E4F

■ 2F4E4F

■ 374E4F

■ 3F4F4F

■ 474F4F

Harmonies

Analogous

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



1C4D3E



004D4F



014B5D

Triad

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



004D4F



533D59



544225

Complementary

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



004D4F



4F0200

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.



5F3C2D



004D4F



60384B

Square

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



004D4F



3E4263



64383A



444726

Rectangle

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



004D4F



184962



64383A



584027

Sweetspot

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



004D4F



476566



004F01



213333



B3B3B3



333333

Same Dimension

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



004D4F



006366



00264F



222626



00E0E6

Inverse Universe

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



4F004D



660063



4F2900



262226



E600E0

Previews

White Background



This preview shows how the Hex color 004D4F looks on a white background.

Color Contrast Check

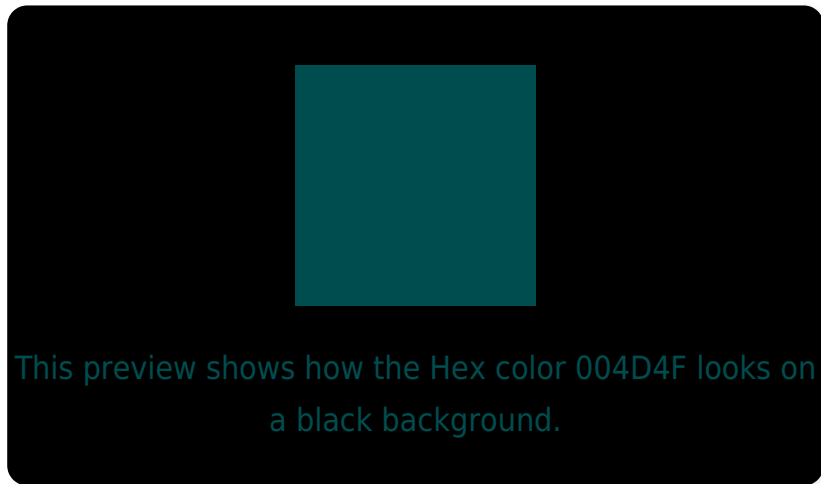
Large Text (above 18pt) WCAG AA ✓ Pass

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

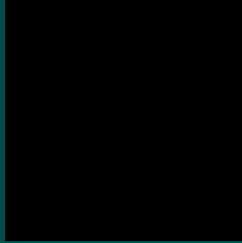
Any Text WCAG AA × Fail

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 004D4F Background



This preview shows how black text looks on a background with the Hex color 004D4F.

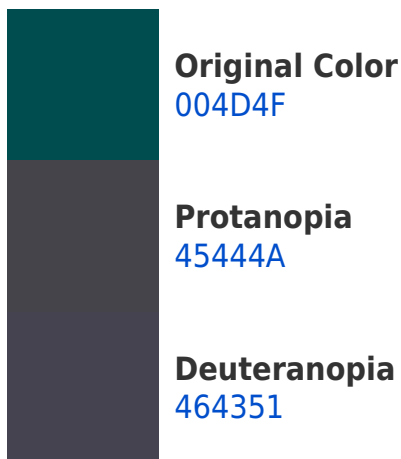


This preview shows how white text looks on a background with the Hex color 004D4F.

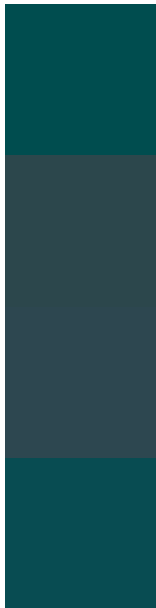
Color Blindness Simulation

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



Trichromacy



Original Color
004D4F

Protanomaly
2C474C

Deuteranomaly
2D4750

Tritanomaly
084C52

Monochromacy



Original Color
004D4F

Achromatopsia
363636

Achromatomaly
223E3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 004D4F 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 #004D4F looks like.

```
.text, #text, p{  
    color:#004D4F  
}
```

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 #004D4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004D4F
}
```

Border

The CSS property to change the border of an element to Hex 004D4F 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
#004D4F }
```

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

```
.border{ border-color:#004D4F }
```

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

Here you see how a box with a 4 pixel #004D4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004D4F; -webkit-box-shadow:4px 4px  
4px 4px #004D4F; box-shadow:4px 4px 4px  
4px #004D4F }
```

Background

The CSS property to change the background color of an element to Hex 004D4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004D4F }
```

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

```
.background{ background-color:#004D4F }
```

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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