

Converting Colors

Hex(004F48)

Have a look what the booklet for
Hex(004F48) contains.

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Color

Hex(004F48)

Conversions

Conversions Part 1

Format	Color
Hex	004F48
RGB	0, 79, 72
RGB Percent	0%, 31%, 28%
CMY	1.0000, 0.6902, 0.7176
CMYK	1.00, 0.00, 0.09, 0.69
HSL	175°, 100%, 15%
HSV	175°, 100%, 31%
XYZ	3.9657, 6.0598, 7.0915
YIQ	54.5810, -44.8370, -18.9250

Conversions

Conversions Part 2

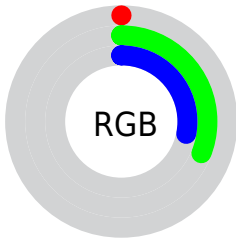
Format	Color
RYB	0, 41, 79
Decimal	20296
CIELab	29.56, -22.97, -1.91
CIELCh	30, 23.052, 184.756
Yxy	6.0598, 0.2317, 0.3540
Android (android.graphics.Color)	4278210376 (0xFF004F48)
YUV	54.5810, 8.5876, -47.8675
Hunter-Lab	24.6168, -14.3235, 0.1516

Details

The Hex color **004F48** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4F0007**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **408178**, and **00221D** is the 20% darker color. If you saturate the color by 10%, you get **004F48**, and if you desaturate by 10%, it is **084F49**.

Distribution



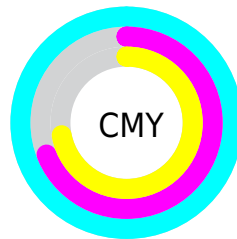
- Red (0%)
- Green (31%)
- Blue (28%)



- Red (0%)
- Yellow (16%)
- Blue (31%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (69%)



- Cyan (100%)
- Magenta (69%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004F48 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 004F48 by changing the saturation by 10% instead.

 004F48

 004F48

FFFFFF

 003832

 408178

 00221D

 5A9B92

 000003

 74B6AD

 000000

 8FD2C8

 ABEEE4

 C7FFFF

 E4FFFF

 004F48

■ 084F49

■ 104F49

■ 184F4A

■ 204F4B

■ 284F4C

■ 2F4F4C

■ 374F4D

■ 3F4F4E

■ 474F4E

Harmonies

Analogous

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



254E36



004F48



004E59

Triad

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



004F48



4B4063



5D3F26

Complementary

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



004F48



4F0007

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.



663A32



004F48



5E3A55

Square

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



004F48



2F4769



673743



4E4621

Rectangle

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



004F48



004D62



673743



613D29

Sweetspot

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



004F48



476663



084F00



213331



B3B3B3



333333

Same Dimension

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



004F48



00665D



002F4F



222626



00E6D1

Inverse Universe

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



4F0007



660009



4F2000



262223



E60014

Previews

White Background



This preview shows how the Hex color 004F48 looks on a white background.

Color Contrast Check

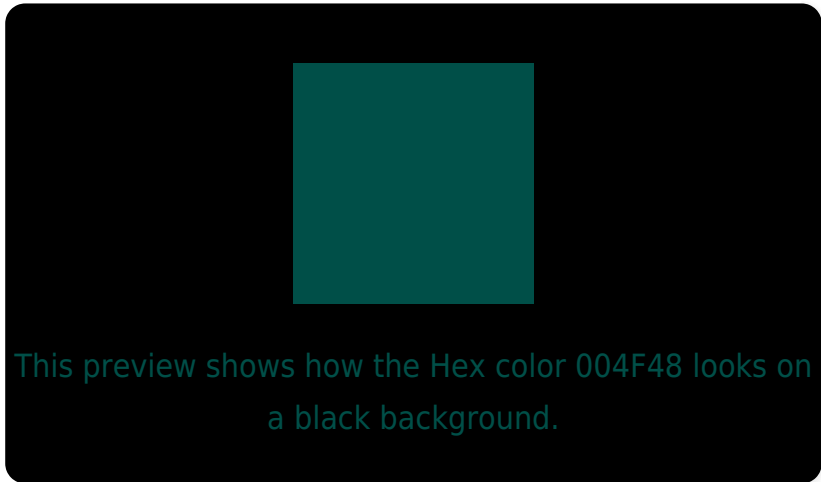
Large Text (above 18pt) WCAG AA ✓ Pass

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 004F48 Background



This preview shows how black text looks on a background with the Hex color 004F48.

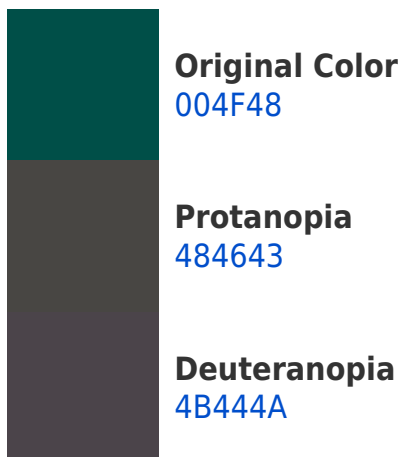


This preview shows how white text looks on a background with the Hex color 004F48.

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
144D54

Trichromacy



Original Color
004F48

Protanomaly
2E4945

Deuteranomaly
304849

Tritanomaly
0D4E50

Monochromacy



Original Color
004F48

Achromatopsia
373737

Achromatomaly
23403D

CSS Examples

Text

The CSS property to change the color of the text to Hex 004F48 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 #004F48 looks like.

```
.text, #text, p{  
    color:#004F48  
}
```

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 #004F48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004F48
}
```

Border

The CSS property to change the border of an element to Hex 004F48 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
#004F48 }
```

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

```
.border{ border-color:#004F48 }
```

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

Here you see how a box with a 4 pixel #004F48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004F48; -webkit-box-shadow:4px 4px  
4px 4px #004F48; box-shadow:4px 4px 4px  
4px #004F48 }
```

Background

The CSS property to change the background color of an element to Hex 004F48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004F48 }
```

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

```
.background{ background-color:#004F48 }
```

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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