

# Converting Colors

Hex(004F31)

Have a look what the booklet for  
Hex(004F31) contains.

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# Color

**Hex(004F31)**

# Conversions

## Conversions Part 1

Format	Color
Hex	004F31
RGB	0, 79, 49
RGB Percent	0%, 31%, 19%
CMY	1.0000, 0.6902, 0.8078
CMYK	1.00, 0.00, 0.38, 0.69
HSL	157°, 100%, 15%
HSV	157°, 100%, 31%
XYZ	3.3504, 5.8137, 3.8513
YIQ	51.9590, -37.4540, -26.0780

# Conversions

## Conversions Part 2

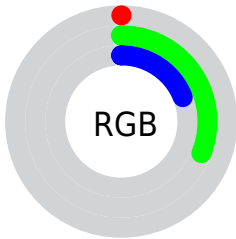
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 49, 79
Decimal	20273
CIELab	28.94, -29.76, 11.83
CIELCh	29, 32.019, 158.324
Yxy	5.8137, 0.2574, 0.4467
Android (android.graphics.Color)	4278210353 (0xFF004F31)
YUV	51.9590, -1.4588, -45.5680
Hunter-Lab	24.1116, -17.3925, 7.4079

# Details

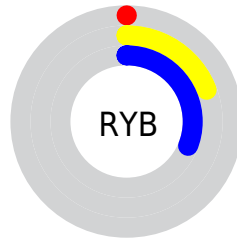
The Hex color **004F31** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4F001E**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **3E815F**, and **002302** is the 20% darker color. If you saturate the color by 10%, you get **004F31**, and if you desaturate by 10%, it is **084F34**.

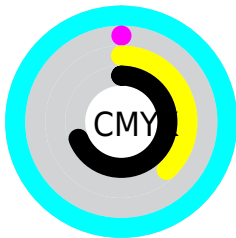
# Distribution



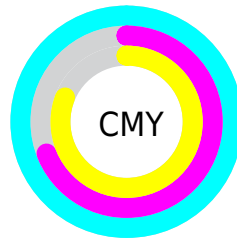
- Red (0%)
- Green (31%)
- Blue (19%)



- Red (0%)
- Yellow (19%)
- Blue (31%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (69%)



- Cyan (100%)
- Magenta (69%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 004F31 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 004F31 by changing the saturation by 10% instead.



 004F31

 004F31

FEFFFF

 00381C

 3E815F

 002302

 589B78

 000000

 72B692

 8DD2AC

 A8EFC8

 C4FFE4

 E1FFFF

 004F31

■ 084F34

■ 104F37

■ 184F3A

■ 204F3D

■ 284F40

■ 2F4F43

■ 374F46

■ 3F4F49

■ 474F4C

# Harmonies

## Analogous

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



314B1B



004F31



00504B

# Triad

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



004F31



204575



6E3327

# Complementary

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



004F31



4F001E

# 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.



712E3E



004F31



4F3B6B

# Square

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



004F31



004C72



683157



603C15

# Rectangle

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



004F31



00505B



683157



70302E



# Sweetspot

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



004F31



47665A



1E4F00



21332C



B3B3B3



333333



# Same Dimension

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



004F31



00663F



00464F



222625



00E68E

# Inverse Universe

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



4F001E



660027



4F0900



262224



E60057

# Previews

## White Background



This preview shows how the Hex color 004F31 looks on a white background.

## Color Contrast Check

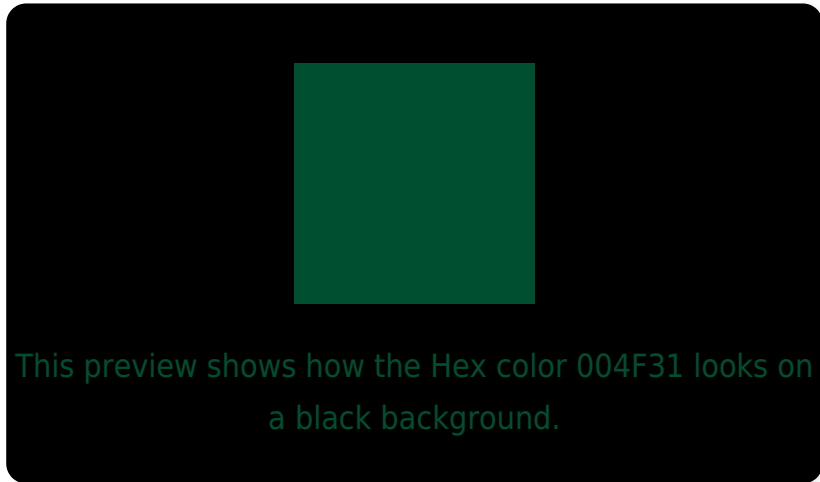
Large Text (above 18pt) WCAG AA ✓ Pass

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

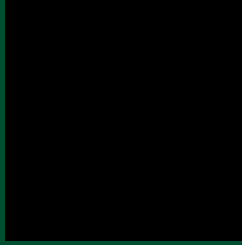
Any Text WCAG AA × Fail

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 004F31 Background



This preview shows how black text looks on a background with the Hex color 004F31.



This preview shows how white text looks on a background with the Hex color 004F31.

# 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**  
004F31

**Protanopia**  
4A452D

**Deuteranopia**  
514234





**Tritanopia**  
1C4B51

# Trichromacy



**Original Color**

004F31

**Protanomaly**

2F492E

**Deuteranomaly**

344733

**Tritanomaly**

124C45

# Monochromacy



**Original Color**

004F31

**Achromatopsia**

343434

**Achromatomaly**

213E33

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 004F31 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 #004F31 looks like.

```
.text, #text, p{  
    color:#004F31  
}
```

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 #004F31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004F31
}
```

## Border

The CSS property to change the border of an element to Hex 004F31 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
#004F31 }
```

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

```
.border{ border-color:#004F31 }
```

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

Here you see how a box with a 4 pixel #004F31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004F31; -webkit-box-shadow:4px 4px  
4px 4px #004F31; box-shadow:4px 4px 4px  
4px #004F31 }
```

# Background

The CSS property to change the background color of an element to Hex 004F31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004F31 }
```

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

```
.background{ background-color:#004F31 }
```

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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