

Converting Colors

Hex(004A31)

Have a look what the booklet for
Hex(004A31) contains.

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Color

Hex(004A31)

Conversions

Conversions Part 1

Format	Color
Hex	004A31
RGB	0, 74, 49
RGB Percent	0%, 29%, 19%
CMY	1.0000, 0.7098, 0.8078
CMYK	1.00, 0.00, 0.34, 0.71
HSL	160°, 100%, 15%
HSV	160°, 100%, 29%
XYZ	3.0032, 5.1193, 3.7356
YIQ	49.0240, -36.0790, -23.4630

Conversions

Conversions Part 2

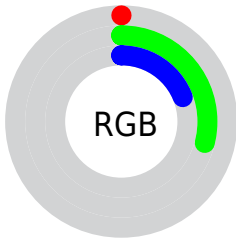
Format	Color
RYB	0, 45, 74
Decimal	18993
CIELab	27.07, -27.59, 9.27
CIELCh	27, 29.102, 161.416
Yxy	5.1193, 0.2533, 0.4317
Android (android.graphics.Color)	4278209073 (0xFF004A31)
YUV	49.0240, -0.0118, -42.9940
Hunter-Lab	22.6259, -15.9028, 6.0492

Details

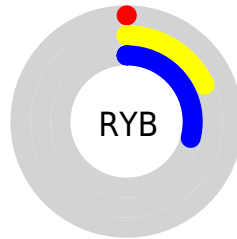
The Hex color **004A31** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4A0019**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **3C7B5F**, and **002002** is the 20% darker color. If you saturate the color by 10%, you get **004A31**, and if you desaturate by 10%, it is **074A34**.

Distribution



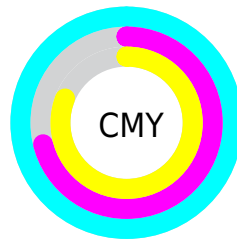
- Red (0%)
- Green (29%)
- Blue (19%)



- Red (0%)
- Yellow (18%)
- Blue (29%)



- Cyan (100%)
- Magenta (0%)
- Yellow (34%)
- Black (71%)



- Cyan (100%)
- Magenta (71%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004A31 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 004A31 by changing the saturation by 10% instead.

 004A31

 004A31

 FBFFFF

 00331C

 3C7B5F

 002002

 569678

 000000

 70B092

 8BCCAC

 A6E8C8

 C2FFE4

 DEFFFF

 004A31

■ 074A34

■ 0F4A36

■ 164A39

■ 1E4A3B

■ 254A3E

■ 2C4A40

■ 344A43

■ 3B4A45

■ 434A48

Harmonies

Analogous

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



2C471D



004A31



004B48

Triad

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



004A31



27406C



653124

Complementary

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



004A31



4A0019

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.



692C38



004A31



4C3761

Square

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



004A31



00466A



612F4F



583A15

Rectangle

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



004A31



004B57



612F4F



682F2A

Sweetspot

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



004A31



446157



1A4A00



1F302B



B0B0B0



303030

Same Dimension

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



004A31



006140



003F4A



222625



006644



00E698

Inverse Universe

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



4A0019



610021



4A0B00



262224



660022



E6004E

Previews

White Background



This preview shows how the Hex color 004A31 looks on a white background.

Color Contrast Check

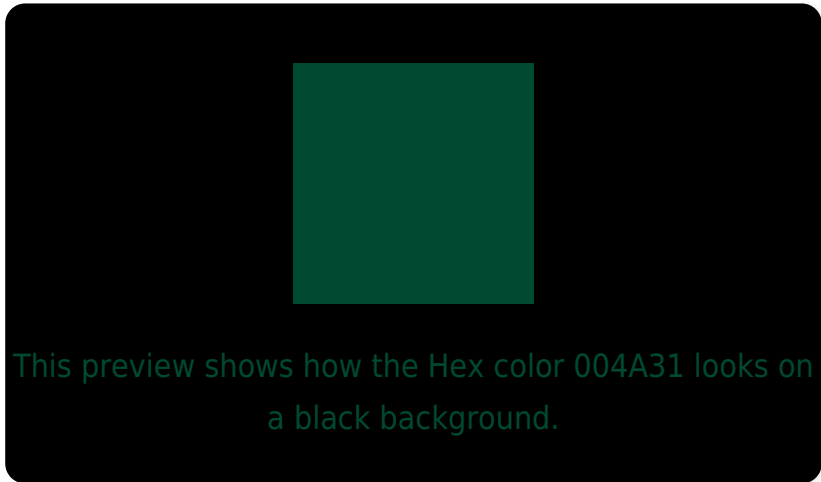
Large Text (above 18pt) WCAG AA ✓ Pass

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

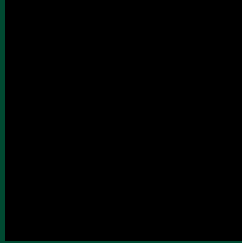
Any Text WCAG AA × Fail

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 004A31 Background



This preview shows how black text looks on a background with the Hex color 004A31.



This preview shows how white text looks on a background with the Hex color 004A31.

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
004A31

Protanopia
45402D

Deuteranopia
4B3E34



Tritanopia
1A474C

Trichromacy



Original Color
004A31

Protanomaly
2C442E

Deuteranomaly
304233

Tritanomaly
114842

Monochromacy



Original Color
004A31

Achromatopsia
313131

Achromatomaly
1F3A31

CSS Examples

Text

The CSS property to change the color of the text to Hex 004A31 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 #004A31 looks like.

```
.text, #text, p{  
    color:#004A31  
}
```

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 #004A31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004A31
}
```

Border

The CSS property to change the border of an element to Hex 004A31 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
#004A31 }
```

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

```
.border{ border-color:#004A31 }
```

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

Here you see how a box with a 4 pixel #004A31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004A31; -webkit-box-shadow:4px 4px  
4px 4px #004A31; box-shadow:4px 4px 4px  
4px #004A31 }
```

Background

The CSS property to change the background color of an element to Hex 004A31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004A31 }
```

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

```
.background{ background-color:#004A31 }
```

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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