

Converting Colors

Hex(004B31)

Have a look what the booklet for
Hex(004B31) contains.

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Color

Hex(004B31)

Conversions

Conversions Part 1

Format	Color
Hex	004B31
RGB	0, 75, 49
RGB Percent	0%, 29%, 19%
CMY	1.0000, 0.7059, 0.8078
CMYK	1.00, 0.00, 0.35, 0.71
HSL	159°, 100%, 15%
HSV	159°, 100%, 29%
XYZ	3.0705, 5.2539, 3.7580
YIQ	49.6110, -36.3540, -23.9860

Conversions

Conversions Part 2

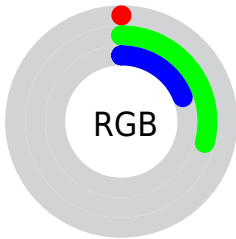
Format	Color
RYB	0, 45, 75
Decimal	19249
CIELab	27.45, -28.03, 9.79
CIELCh	27, 29.687, 160.745
Yxy	5.2539, 0.2541, 0.4348
Android (android.graphics.Color)	4278209329 (0xFF004B31)
YUV	49.6110, -0.3012, -43.5088
Hunter-Lab	22.9214, -16.2013, 6.3243

Details

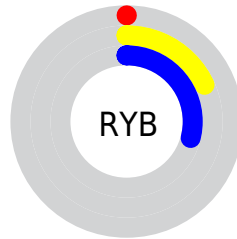
The Hex color **004B31** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4B001A**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **3C7D5F**, and **002002** is the 20% darker color. If you saturate the color by 10%, you get **004B31**, and if you desaturate by 10%, it is **074B34**.

Distribution



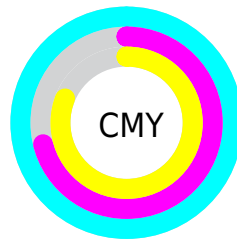
- Red (0%)
- Green (29%)
- Blue (19%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (71%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 004B31 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 004B31 by changing the saturation by 10% instead.

 004B31

 004B31

 FCFFFF

 00341C

 3C7D5F

 002002

 569778

 000000

 70B292

 8BCDAC

 A6EAC8

 C2FFE4

 DFFFFF

 004B31

■ 074B34

■ 0F4B36

■ 174B39

■ 1E4B3B

■ 264B3E

■ 2D4B41

■ 354B43

■ 3C4B46

■ 444B48

Harmonies

Analogous

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



2D481D



004B31



004C49

Triad

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



004B31



26416E



673224

Complementary

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



004B31



4B001A

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.



6B2D39



004B31



4D3763

Square

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



004B31



00476C



632F50



593A15

Rectangle

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



004B31



004C57



632F50



692F2B

Sweetspot

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



004B31



446157



1A4B00



1F302A



B0B0B0



303030

Same Dimension

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



004B31



00613F



00404B



222625



006643



00E696

Inverse Universe

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



4B001A



610022



4B0B00



262224



660023



E60050

Previews

White Background



This preview shows how the Hex color 004B31 looks on a white background.

Color Contrast Check

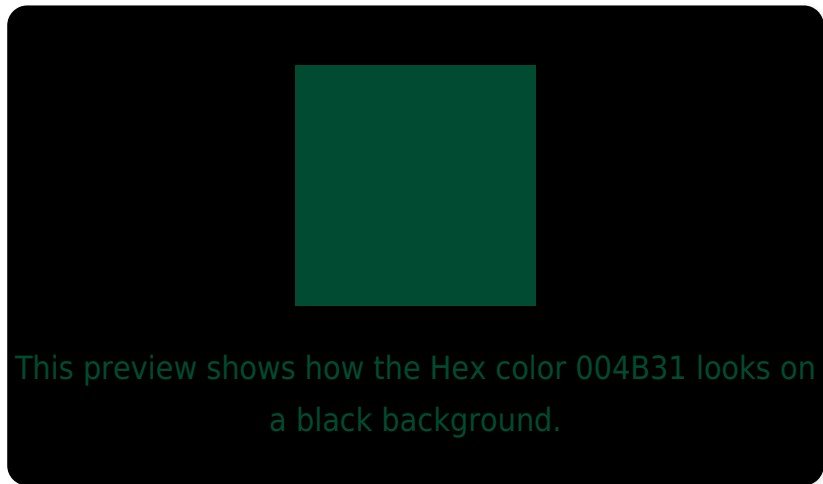
Large Text (above 18pt) WCAG AA ✓ Pass

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

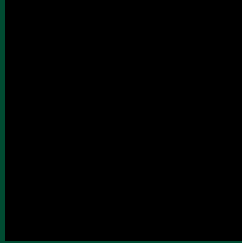
Any Text WCAG AA × Fail

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 004B31 Background



This preview shows how black text looks on a background with the Hex color 004B31.

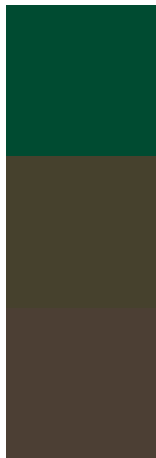


This preview shows how white text looks on a background with the Hex color 004B31.

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
004B31

Protanopia
46412D

Deuteranopia
4C3F34



Tritanopia
1A484D

Trichromacy



Original Color
004B31

Protanomaly
2D452E

Deuteranomaly
304333

Tritanomaly
114943

Monochromacy



Original Color
004B31

Achromatopsia
323232

Achromatomaly
203B32

CSS Examples

Text

The CSS property to change the color of the text to Hex 004B31 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 #004B31 looks like.

```
.text, #text, p{  
    color:#004B31  
}
```

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 #004B31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004B31
}
```

Border

The CSS property to change the border of an element to Hex 004B31 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
#004B31 }
```

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

```
.border{ border-color:#004B31 }
```

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

Here you see how a box with a 4 pixel #004B31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004B31; -webkit-box-shadow:4px 4px  
4px 4px #004B31; box-shadow:4px 4px 4px  
4px #004B31 }
```

Background

The CSS property to change the background color of an element to Hex 004B31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004B31 }
```

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

```
.background{ background-color:#004B31 }
```

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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