

Converting Colors

Hex(004B4A)

Have a look what the booklet for
Hex(004B4A) contains.

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Color

Hex(004B4A)

Conversions

Conversions Part 1

Format	Color
Hex	004B4A
RGB	0, 75, 74
RGB Percent	0%, 29%, 29%
CMY	1.0000, 0.7059, 0.7098
CMYK	1.00, 0.00, 0.01, 0.71
HSL	179°, 100%, 15%
HSV	179°, 100%, 29%
XYZ	3.7521, 5.5266, 7.3475
YIQ	52.4610, -44.3790, -16.2110

Conversions

Conversions Part 2

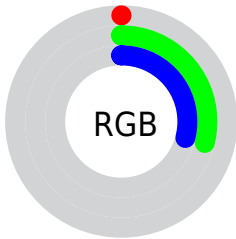
Format	Color
RYB	0, 38, 75
Decimal	19274
CIELab	28.19, -20.21, -5.24
CIELCh	28, 20.874, 194.548
Yxy	5.5266, 0.2257, 0.3324
Android (android.graphics.Color)	4278209354 (0xFF004B4A)
YUV	52.4610, 10.6187, -46.0083
Hunter-Lab	23.5087, -12.6506, -2.0748

Details

The Hex color **004B4A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4B0001**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **3F7C7B**, and **001F1E** is the 20% darker color. If you saturate the color by 10%, you get **004B4A**, and if you desaturate by 10%, it is **074B4A**.

Distribution



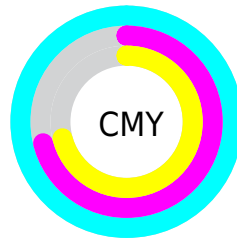
- Red (0%)
- Green (29%)
- Blue (29%)



- Red (0%)
- Yellow (15%)
- Blue (29%)



- Cyan (100%)
- Magenta (0%)
- Yellow (1%)
- Black (71%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 004B4A 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 004B4A by changing the saturation by 10% instead.

■ 004B4A

■ 004B4A

FFFFFF

■ 003433

■ 3F7C7B

■ 001F1E

■ 599694

■ 000005

■ 73B1AF

■ 000000

■ 8ECDCA

■ AAE9E6

■ C6FFFF

■ E3FFFF

■ 004B4A

■ 074B4A

■ 0F4B4A

■ 174B4A

■ 1E4B4A

■ 264B4B

■ 2D4B4B

■ 354B4B

■ 3C4B4B

■ 444B4B

Harmonies

Analogous

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



1E4A39



004B4A



004A59

Triad

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



004B4A



4E3B59



543F24

Complementary

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



004B4A



4B0001

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.



5E392D



004B4A



5C374B

Square

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



004B4A



384161



62363B



454423

Rectangle

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



004B4A



0D485F



62363B



583D26

Sweetspot

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



004B4A



446161



014B00



1F3030



B0B0B0



303030

Same Dimension

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



004B4A



006160



00274B



222626



006665



00E6E2

Inverse Universe

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



4B0001



610001



4B2400



262222



660001



E60003

Previews

White Background



This preview shows how the Hex color 004B4A looks on a white background.

Color Contrast Check

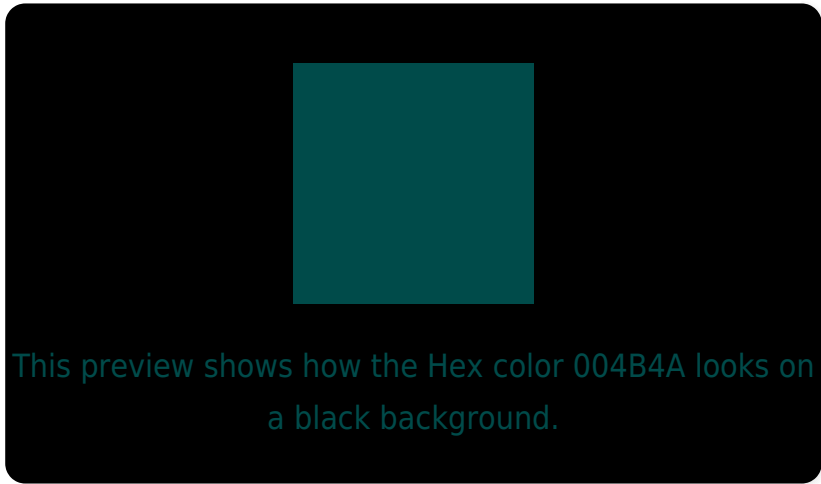
Large Text (above 18pt) WCAG AA ✓ Pass

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

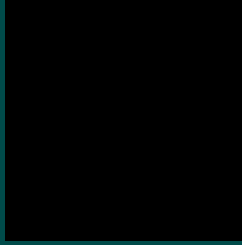
Any Text WCAG AA × Fail

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 004B4A Background



This preview shows how black text looks on a background with the Hex color 004B4A.



This preview shows how white text looks on a background with the Hex color 004B4A.

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
004B4A

Protanopia
434245

Deuteranopia
45414C



Tritanopia
0F4A50

Trichromacy



Original Color
004B4A

Protanomaly
2B4547

Deuteranomaly
2C454B

Tritanomaly
0A4A4E

Monochromacy



Original Color
004B4A

Achromatopsia
343434

Achromatomaly
213C3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 004B4A 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 #004B4A looks like.

```
.text, #text, p{  
    color:#004B4A  
}
```

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 #004B4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004B4A
}
```

Border

The CSS property to change the border of an element to Hex 004B4A 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
#004B4A }
```

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

```
.border{ border-color:#004B4A }
```

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

Here you see how a box with a 4 pixel #004B4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004B4A; -webkit-box-shadow:4px 4px  
4px 4px #004B4A; box-shadow:4px 4px 4px  
4px #004B4A }
```

Background

The CSS property to change the background color of an element to Hex 004B4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004B4A }
```

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

```
.background{ background-color:#004B4A }
```

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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