

Converting Colors

Hex(004B4C)

Have a look what the booklet for
Hex(004B4C) contains.

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Color

Hex(004B4C)

Conversions

Conversions Part 1

Format	Color
Hex	004B4C
RGB	0, 75, 76
RGB Percent	0%, 29%, 30%
CMY	1.0000, 0.7059, 0.7020
CMYK	1.00, 0.01, 0.00, 0.70
HSL	181°, 100%, 15%
HSV	181°, 100%, 30%
XYZ	3.8206, 5.5540, 7.7081
YIQ	52.6890, -45.0210, -15.5890

Conversions

Conversions Part 2

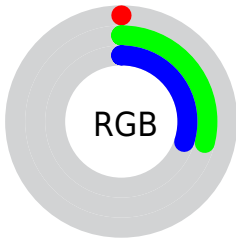
Format	Color
RYB	0, 38, 76
Decimal	19276
CIELab	28.26, -19.49, -6.43
CIELCh	28, 20.523, 198.255
Yxy	5.5540, 0.2237, 0.3251
Android (android.graphics.Color)	4278209356 (0xFF004B4C)
YUV	52.6890, 11.4923, -46.2083
Hunter-Lab	23.5668, -12.3041, -2.8955

Details

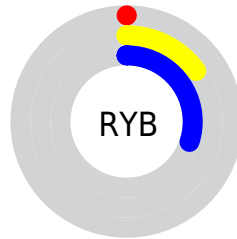
The Hex color **004B4C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4C0100**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **3F7C7D**, and **001F20** is the 20% darker color. If you saturate the color by 10%, you get **004B4C**, and if you desaturate by 10%, it is **084B4C**.

Distribution



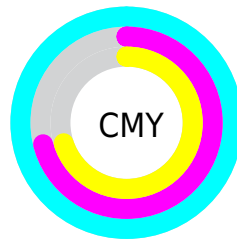
- Red (0%)
- Green (29%)
- Blue (30%)



- Red (0%)
- Yellow (15%)
- Blue (30%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (70%)



- Cyan (100%)
- Magenta (71%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004B4C 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 004B4C by changing the saturation by 10% instead.

 004B4C

 004B4C

FFFFFF

 003435

 3F7C7D

 001F20

 599697

 000008

 74B1B1

 000000

 8FCDCD

 AAE9E9

 C6FFFF

 E3FFFF

 004B4C

■ 084B4C

■ 0F4B4C

■ 174B4C

■ 1E4B4C

■ 264C4C

■ 2E4C4C

■ 354C4C

■ 3D4C4C

■ 444C4C

Harmonies

Analogous

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



1C4B3C



004B4C



004A5A

Triad

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



004B4C



503B58



524024

Complementary

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



004B4C



4C0100

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.



5D3A2C



004B4C



5D374A

Square

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



004B4C



3B4161



61373A



434524

Rectangle

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



004B4C



144760



61373A



573E26

Sweetspot

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



004B4C



466363



004C00



213333



B3B3B3



333333

Same Dimension

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



004B4C



006263



00264C



222626



006566



00E2E6

Inverse Universe

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



4C004B



630062



4C2600



262226



660065



E600E2

Previews

White Background



This preview shows how the Hex color 004B4C looks on a white background.

Color Contrast Check

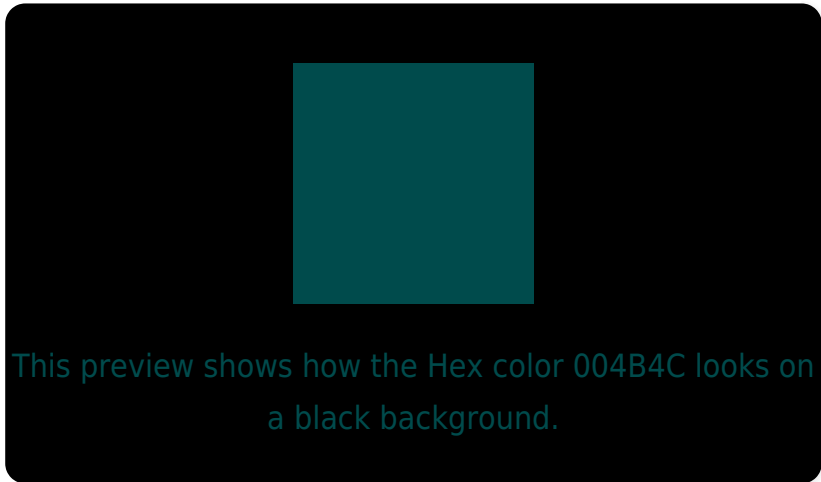
Large Text (above 18pt) WCAG AA ✓ Pass

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

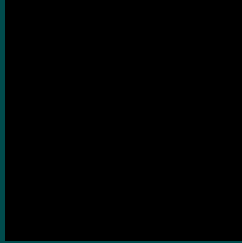
Any Text WCAG AA × Fail

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 004B4C Background



This preview shows how black text looks on a background with the Hex color 004B4C.



This preview shows how white text looks on a background with the Hex color 004B4C.

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
004B4C

Protanopia
434347

Deuteranopia
44414E



Tritanopia
0D4A50

Trichromacy



Original Color
004B4C

Protanomaly
2B4649

Deuteranomaly
2B454D

Tritanomaly
084A4F

Monochromacy



Original Color
004B4C

Achromatopsia
353535

Achromatomaly
223D3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 004B4C 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 #004B4C looks like.

```
.text, #text, p{  
    color:#004B4C  
}
```

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 #004B4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004B4C
}
```

Border

The CSS property to change the border of an element to Hex 004B4C 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
#004B4C }
```

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

```
.border{ border-color:#004B4C }
```

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

Here you see how a box with a 4 pixel #004B4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004B4C; -webkit-box-shadow:4px 4px  
4px 4px #004B4C; box-shadow:4px 4px 4px  
4px #004B4C }
```

Background

The CSS property to change the background color of an element to Hex 004B4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004B4C }
```

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

```
.background{ background-color:#004B4C }
```

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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