

# Converting Colors

Hex(004C2B)

Have a look what the booklet for  
Hex(004C2B) contains.

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# Color

**Hex(004C2B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	004C2B
RGB	0, 76, 43
RGB Percent	0%, 30%, 17%
CMY	1.0000, 0.7020, 0.8314
CMYK	1.00, 0.00, 0.43, 0.70
HSL	154°, 100%, 15%
HSV	154°, 100%, 30%
XYZ	3.0205, 5.3433, 3.1577
YIQ	49.5140, -34.7030, -26.3750

# Conversions

## Conversions Part 2

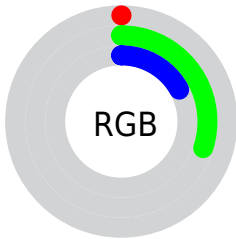
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 49, 76
Decimal	19499
CIELab	27.69, -29.95, 13.88
CIELCh	28, 33.012, 155.131
Yxy	5.3433, 0.2622, 0.4638
Android (android.graphics.Color)	4278209579 (0xFF004C2B)
YUV	49.5140, -3.2114, -43.4238
Hunter-Lab	23.1156, -17.1279, 8.0817

# Details

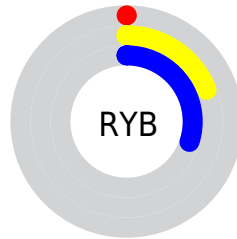
The Hex color **004C2B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4C0021**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **3D7E59**, and **002100** is the 20% darker color. If you saturate the color by 10%, you get **004C2B**, and if you desaturate by 10%, it is **084C2E**.

# Distribution



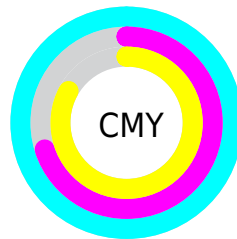
- Red (0%)
- Green (30%)
- Blue (17%)



- Red (0%)
- Yellow (19%)
- Blue (30%)



- Cyan (100%)
- Magenta (0%)
- Yellow (43%)
- Black (70%)



- Cyan (100%)
- Magenta (70%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 004C2B 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 004C2B by changing the saturation by 10% instead.



 004C2B

 004C2B

 FCFFF

 003516

 3D7E59

 002100

 579871

 000000

 71B38B

 8BCFA5

 A7EBC0

 C3FFDC

 DFFFF9

 004C2B

■ 084C2E

■ 0F4C32

■ 174C35

■ 1E4C38

■ 264C3C

■ 2E4C3F

■ 354C42

■ 3D4C45

■ 444C49

# Harmonies

## Analogous

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



304815



004C2B



004E45

# Triad

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



004C2B



0E4374



6D2E26

# Complementary

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



004C2B



4C0021

# 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.



6F293E



004C2B



48396B

# Square

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



004C2B



004A6F



632E57



5F3812

# Rectangle

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



004C2B



004D56



632E57



6F2C2D



# Sweetspot

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



004C2B



466356



224C00



21332B



B3B3B3



333333



# Same Dimension

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



004C2B



006338



00484C



222625



00663A



00E682



# Inverse Universe

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



4C0021



63002B



4C0400



262224



66002C



E60064



# Previews

## White Background



This preview shows how the Hex color 004C2B looks on a white background.

## Color Contrast Check

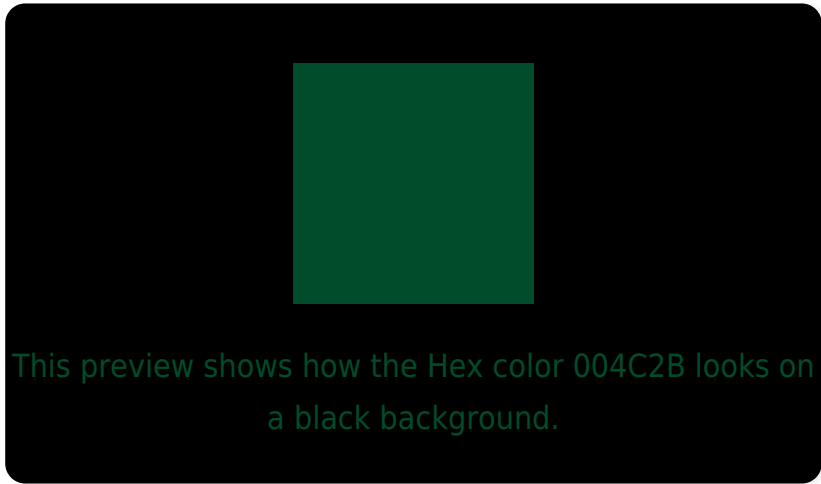
Large Text (above 18pt) WCAG AA ✓ Pass

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

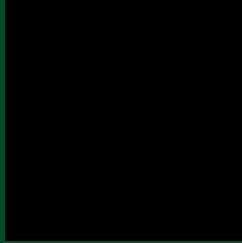
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 004C2B Background



This preview shows how black text looks on a background with the Hex color 004C2B.



This preview shows how white text looks on a background with the Hex color 004C2B.

# 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**  
004C2B

**Protanopia**  
484227

**Deuteranopia**  
4E3F2E



**Tritanopia**  
1C484E

# Trichromacy



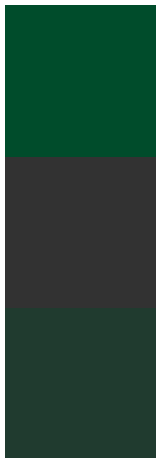
**Original Color**  
004C2B

**Protanomaly**  
2E4628

**Deuteranomaly**  
32442D

**Tritanomaly**  
124941

# Monochromacy



**Original Color**  
004C2B

**Achromatopsia**  
323232

**Achromatomaly**  
203B2F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 004C2B 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 #004C2B looks like.

```
.text, #text, p{  
    color:#004C2B  
}
```

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 #004C2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004C2B
}
```

## Border

The CSS property to change the border of an element to Hex 004C2B 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
#004C2B }
```

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

```
.border{ border-color:#004C2B }
```

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

Here you see how a box with a 4 pixel #004C2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004C2B; -webkit-box-shadow:4px 4px  
4px 4px #004C2B; box-shadow:4px 4px 4px  
4px #004C2B }
```

# Background

The CSS property to change the background color of an element to Hex 004C2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004C2B }
```

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

```
.background{ background-color:#004C2B }
```

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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