

# Converting Colors

Hex(004A4D)

Have a look what the booklet for  
Hex(004A4D) contains.

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# Color

**Hex(004A4D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	004A4D
RGB	0, 74, 77
RGB Percent	0%, 29%, 30%
CMY	1.0000, 0.7098, 0.6980
CMYK	1.00, 0.04, 0.00, 0.70
HSL	182°, 100%, 15%
HSV	182°, 100%, 30%
XYZ	3.7883, 5.4334, 7.8703
YIQ	52.2160, -45.0670, -14.7550

# Conversions

## Conversions Part 2

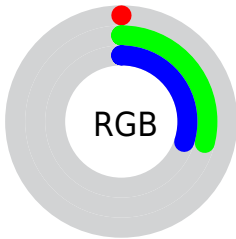
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 38, 77
Decimal	19021
CIELab	27.94, -18.58, -7.56
CIELCh	28, 20.062, 202.141
Yxy	5.4334, 0.2216, 0.3179
Android (android.graphics.Color)	4278209101 (0xFF004A4D)
YUV	52.2160, 12.2185, -45.7934
Hunter-Lab	23.3096, -11.7816, -3.7020

# Details

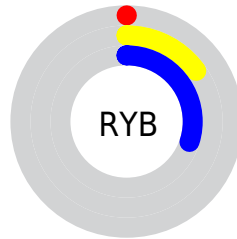
The Hex color **004A4D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4D0300**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **3F7B7E**, and **001F21** is the 20% darker color. If you saturate the color by 10%, you get **004A4D**, and if you desaturate by 10%, it is **084A4D**.

# Distribution



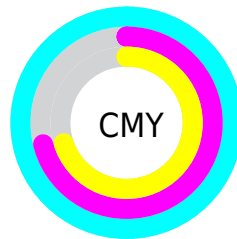
- Red (0%)
- Green (29%)
- Blue (30%)



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



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (70%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 004A4D 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 004A4D by changing the saturation by 10% instead.



004A4D

004A4D

FFFFFF

003336

3F7B7E

001F21

599598

00000A

74B0B2

000000

8FCBCE

AAE7EA

C6FFFF

E3FFFF

004A4D

■ 084A4D

■ 0F4B4D

■ 174B4D

■ 1F4B4D

■ 274C4D

■ 2E4C4D

■ 364C4D

■ 3E4C4D

■ 454D4D

# Harmonies

## Analogous

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



1A4A3D



004A4D



04485A

# Triad

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



004A4D



513A55



504023

# Complementary

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



004A4D



4D0300

# 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.



5B3A2A



004A4D



5D3647

# Square

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



004A4D



3E3F5E



603637



404525

# Rectangle

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



004A4D



1A465F



603637



543E25



# Sweetspot

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



004A4D



466263



004D03



213233



B3B3B3



333333



# Same Dimension

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



004A4D



006063



00244D



222626



006266



00DDE6



# Inverse Universe

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



4D004A



630060



4D2900



262226



660062



E600DD



# Previews

## White Background



This preview shows how the Hex color 004A4D looks on a white background.

## Color Contrast Check

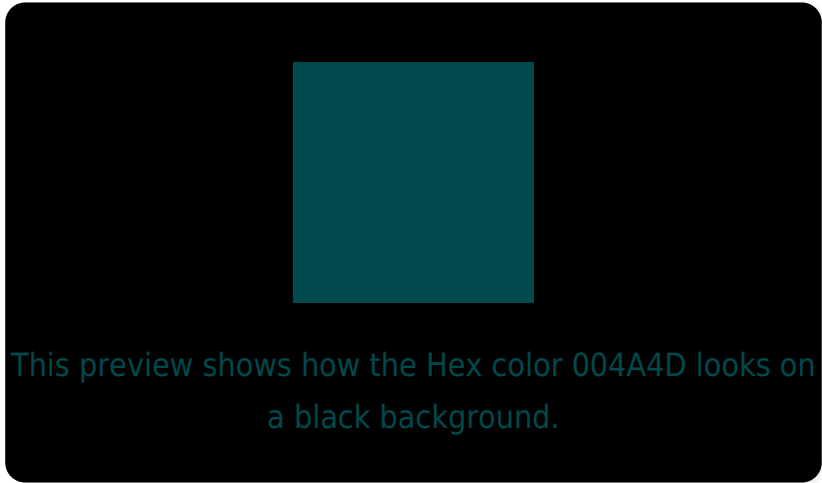
Large Text (above 18pt) WCAG AA ✓ Pass

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

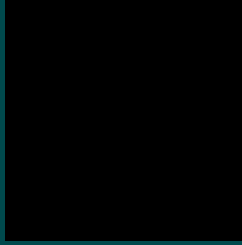
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 004A4D Background



This preview shows how black text looks on a background with the Hex color 004A4D.



This preview shows how white text looks on a background with the Hex color 004A4D.

# 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**  
004A4D

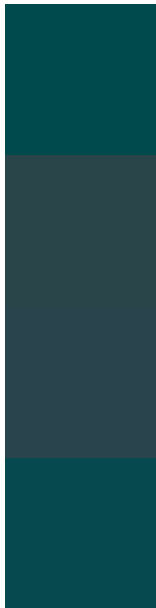
**Protanopia**  
424248

**Deuteranopia**  
42414F



**Tritanopia**  
0A4A50

# Trichromacy



**Original Color**  
004A4D

**Protanomaly**  
2A454A

**Deuteranomaly**  
2A444E

**Tritanomaly**  
064A4F

# Monochromacy



**Original Color**  
004A4D

**Achromatopsia**  
343434

**Achromatomaly**  
213C3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 004A4D 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 #004A4D looks like.

```
.text, #text, p{  
    color:#004A4D  
}
```

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 #004A4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004A4D
}
```

## Border

The CSS property to change the border of an element to Hex 004A4D 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
#004A4D }
```

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

```
.border{ border-color:#004A4D }
```

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

Here you see how a box with a 4 pixel #004A4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004A4D; -webkit-box-shadow:4px 4px  
4px 4px #004A4D; box-shadow:4px 4px 4px  
4px #004A4D }
```

# Background

The CSS property to change the background color of an element to Hex 004A4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004A4D }
```

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

```
.background{ background-color:#004A4D }
```

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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