

Converting Colors

Hex(004046)

Have a look what the booklet for
Hex(004046) contains.

Hex(004046)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(004046)

Conversions

Conversions Part 1

Format	Color
Hex	004046
RGB	0, 64, 70
RGB Percent	0%, 25%, 27%
CMY	1.0000, 0.7490, 0.7255
CMYK	1.00, 0.09, 0.00, 0.73
HSL	185°, 100%, 14%
HSV	185°, 100%, 27%
XYZ	2.9389, 4.1090, 6.4326
YIQ	45.5480, -40.0700, -11.7020

Conversions

Conversions Part 2

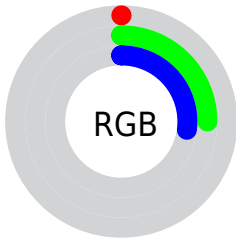
Format	Color
RYB	0, 33, 70
Decimal	16454
CIELab	24.03, -15.60, -8.88
CIELCh	24, 17.952, 209.645
Yxy	4.1090, 0.2180, 0.3048
Android (android.graphics.Color)	4278206534 (0xFF004046)
YUV	45.5480, 12.0548, -39.9456
Hunter-Lab	20.2706, -9.5943, -4.6253

Details

The Hex color **004046** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **460600**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **3C7076**, and **00171B** is the 20% darker color. If you saturate the color by 10%, you get **004046**, and if you desaturate by 10%, it is **074146**.

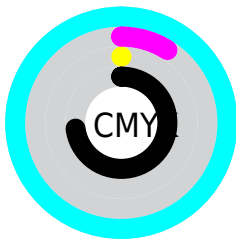
Distribution



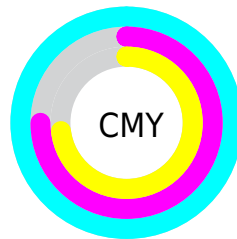
- Red (0%)
- Green (25%)
- Blue (27%)



- Red (0%)
- Yellow (13%)
- Blue (27%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (73%)



- Cyan (100%)
- Magenta (75%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004046 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 004046 by changing the saturation by 10% instead.

 004046

 004046

 FBFFFF

 002A30

 3C7076

 00171B

 558A90

 000000

 70A4AA

 8ABFC6

 A5DBE2

 C1F7FE

 DEFFFF

 004046

■ 074146

■ 0E4146

■ 154246

■ 1C4246

■ 234346

■ 2A4446

■ 314446

■ 384546

■ 3F4546

Harmonies

Analogous

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



114039



004046



0C3E50

Triad

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



004046



4A3147



42381E

Complementary

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



004046



460600

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.



4D3422



004046



522F3A

Square

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



004046



3A3651



53302D



343C21

Rectangle

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



004046



1D3C53



53302D



46371F

Sweetspot

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



004046



40595C



004606



1D2C2E



ADADAD



2E2E2E

Same Dimension

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



004046



00545C



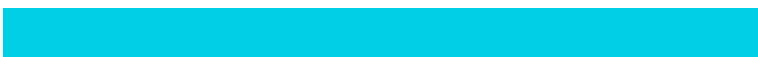
001D46



202324



005B63



00CFE3

Inverse Universe

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



460040



5C0054



462900



242023



63005B



E300CF

Previews

White Background



This preview shows how the Hex color 004046 looks on a white background.

Color Contrast Check

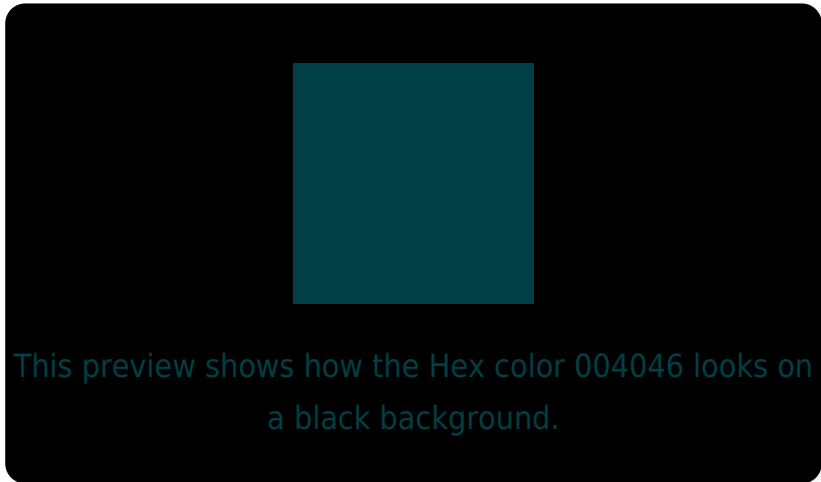
Large Text (above 18pt) WCAG AA ✓ Pass

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

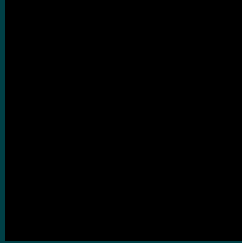
Any Text WCAG AA × Fail

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 004046 Background



This preview shows how black text looks on a background with the Hex color 004046.



This preview shows how white text looks on a background with the Hex color 004046.

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

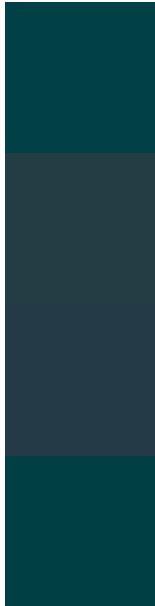


Original Color
004046

Protanopia
383941

Deuteranopia
383848

Trichromacy



Original Color
004046

Protanomaly
243C43

Deuteranomaly
243B47

Tritanomaly
004045

Monochromacy



Original Color
004046

Achromatopsia
2E2E2E

Achromatomaly
1D3537

CSS Examples

Text

The CSS property to change the color of the text to Hex 004046 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 #004046 looks like.

```
.text, #text, p{  
    color:#004046  
}
```

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 #004046 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004046
}
```

Border

The CSS property to change the border of an element to Hex 004046 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
#004046 }
```

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

```
.border{ border-color:#004046 }
```

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

Here you see how a box with a 4 pixel #004046 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004046; -webkit-box-shadow:4px 4px  
4px 4px #004046; box-shadow:4px 4px 4px  
4px #004046 }
```

Background

The CSS property to change the background color of an element to Hex 004046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004046 }
```

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

```
.background{ background-color:#004046 }
```

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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