

Converting Colors

Hex(004248)

Have a look what the booklet for
Hex(004248) contains.

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Color

Hex(004248)

Conversions

Conversions Part 1

Format	Color
Hex	004248
RGB	0, 66, 72
RGB Percent	0%, 26%, 28%
CMY	1.0000, 0.7412, 0.7176
CMYK	1.00, 0.08, 0.00, 0.72
HSL	185°, 100%, 14%
HSV	185°, 100%, 28%
XYZ	3.1179, 4.3643, 6.8090
YIQ	46.9500, -41.2620, -12.1260

Conversions

Conversions Part 2

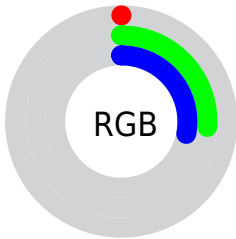
Format	Color
RYB	0, 34, 72
Decimal	16968
CIELab	24.84, -15.98, -8.97
CIELCh	25, 18.325, 209.304
Yxy	4.3643, 0.2182, 0.3054
Android (android.graphics.Color)	4278207048 (0xFF004248)
YUV	46.9500, 12.3497, -41.1751
Hunter-Lab	20.8909, -9.9185, -4.7007

Details

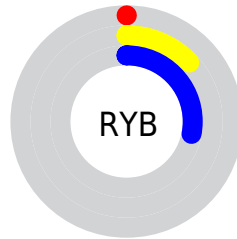
The Hex color **004248** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **480600**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **3D7278**, and **00181D** is the 20% darker color. If you saturate the color by 10%, you get **004248**, and if you desaturate by 10%, it is **074348**.

Distribution



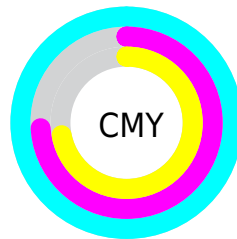
- Red (0%)
- Green (26%)
- Blue (28%)



- Red (0%)
- Yellow (13%)
- Blue (28%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (72%)



- Cyan (100%)
- Magenta (74%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004248 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 004248 by changing the saturation by 10% instead.

 004248

 004248

 FCFFFF

 002C32

 3D7278

 00181D

 568C92

 000000

 71A6AD

 8BC1C8

 A6DDE4

 C2FAFF

 DFFFFF

 004248

■ 074348

■ 0E4348

■ 164448

■ 1D4448

■ 244548

■ 2B4648

■ 324648

■ 3A4748

■ 414748

Harmonies

Analogous

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



12423A



004248



0C4052

Triad

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



004248



4C3349



443A1F

Complementary

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



004248



480600

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.



4F3524



004248



55303C

Square

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



004248



3C3753



55312E



363E22

Rectangle

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



004248



1E3E56



55312E



483820

Sweetspot

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



004248



425C5E



004806



1F2F30



B0B0B0



303030

Same Dimension

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



004248



00565E



001F48



202324



005B63



00D0E3

Inverse Universe

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



480042



5E0056



482A00



242023



63005B



E300D0

Previews

White Background



This preview shows how the Hex color 004248 looks on a white background.

Color Contrast Check

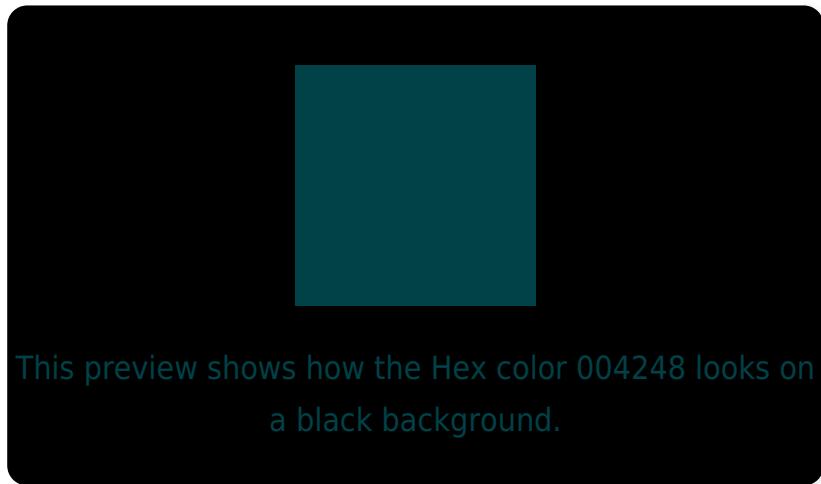
Large Text (above 18pt) WCAG AA ✓ Pass

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

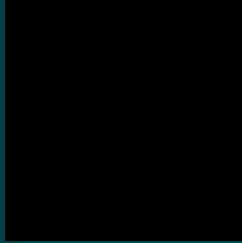
Any Text WCAG AA × Fail

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 004248 Background



This preview shows how black text looks on a background with the Hex color 004248.



This preview shows how white text looks on a background with the Hex color 004248.

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

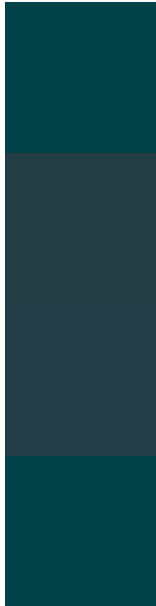


Original Color
004248

Protanopia
3A3B43

Deuteranopia
3A3A4A

Trichromacy



Original Color
004248

Protanomaly
253E45

Deuteranomaly
253D49

Tritanomaly
004247

Monochromacy



Original Color
004248

Achromatopsia
2F2F2F

Achromatomaly
1E3638

CSS Examples

Text

The CSS property to change the color of the text to Hex 004248 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 #004248 looks like.

```
.text, #text, p{  
    color:#004248  
}
```

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 #004248 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004248
}
```

Border

The CSS property to change the border of an element to Hex 004248 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
#004248 }
```

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

```
.border{ border-color:#004248 }
```

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

Here you see how a box with a 4 pixel #004248 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004248; -webkit-box-shadow:4px 4px  
4px 4px #004248; box-shadow:4px 4px 4px  
4px #004248 }
```

Background

The CSS property to change the background color of an element to Hex 004248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004248 }
```

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

```
.background{ background-color:#004248 }
```

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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