

Converting Colors

Hex(004249)

Have a look what the booklet for
Hex(004249) contains.

Hex(004249)	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>	28

Color

Hex(004249)

Conversions

Conversions Part 1

Format	Color
Hex	004249
RGB	0, 66, 73
RGB Percent	0%, 26%, 29%
CMY	1.0000, 0.7412, 0.7137
CMYK	1.00, 0.10, 0.00, 0.71
HSL	186°, 100%, 14%
HSV	186°, 100%, 29%
XYZ	3.1508, 4.3775, 6.9822
YIQ	47.0640, -41.5830, -11.8150

Conversions

Conversions Part 2

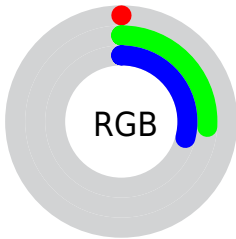
Format	Color
RYB	0, 35, 73
Decimal	16969
CIELab	24.88, -15.60, -9.57
CIELCh	25, 18.296, 211.523
Yxy	4.3775, 0.2171, 0.3017
Android (android.graphics.Color)	4278207049 (0xFF004249)
YUV	47.0640, 12.7864, -41.2751
Hunter-Lab	20.9224, -9.7330, -5.1405

Details

The Hex color **004249** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **490700**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **3D727A**, and **00181D** is the 20% darker color. If you saturate the color by 10%, you get **004249**, and if you desaturate by 10%, it is **074349**.

Distribution



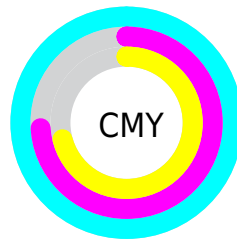
- Red (0%)
- Green (26%)
- Blue (29%)



- Red (0%)
- Yellow (14%)
- Blue (29%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (71%)



- Cyan (100%)
- Magenta (74%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004249 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 004249 by changing the saturation by 10% instead.

 004249

 004249

 FCFFFF

 002C32

 3D727A

 00181D

 578C93

 000002

 71A6AE

 000000

 8BC1C9

 A7DDE5

 C3FAFF

 DFFFFFF

 004249

■ 074349

■ 0F4349

■ 164449

■ 1D4549

■ 254649

■ 2C4649

■ 334749

■ 3A4849

■ 424849

Harmonies

Analogous

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



11423B



004249



0E4053

Triad

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



004249



4D3348



433A1F

Complementary

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



004249



490700

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.



4F3623



004249



55303B

Square

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



004249



3E3753



55322D



353F23

Rectangle

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



004249



203E56



55322D



483920

Sweetspot

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



004249



425C5E



004906



1F2F30



B0B0B0



303030

Same Dimension

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



004249



00555E



001E49



202324



005A63



00CDE3

Inverse Universe

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



490042



5E0055



492B00



242023



63005A



E300CD

Previews

White Background



This preview shows how the Hex color 004249 looks on a white background.

Color Contrast Check

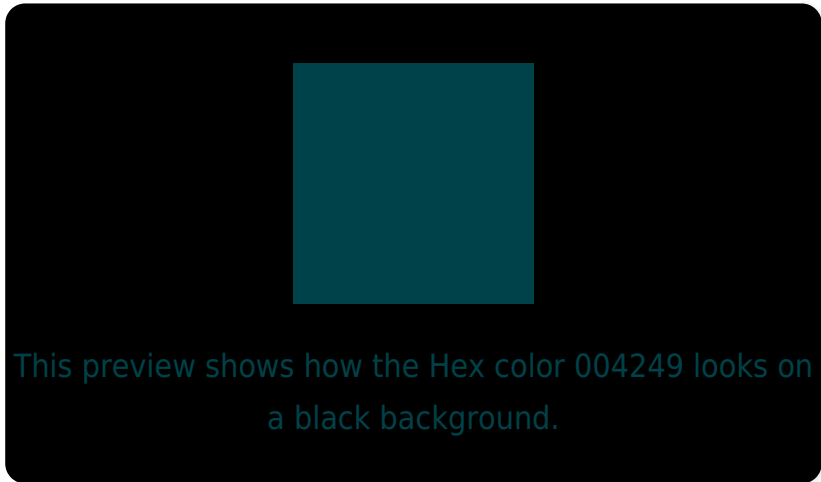
Large Text (above 18pt) WCAG AA ✓ Pass

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

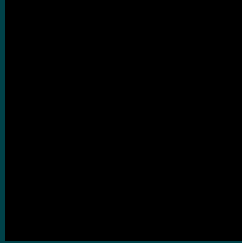
Any Text WCAG AA × Fail

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 004249 Background



This preview shows how black text looks on a background with the Hex color 004249.

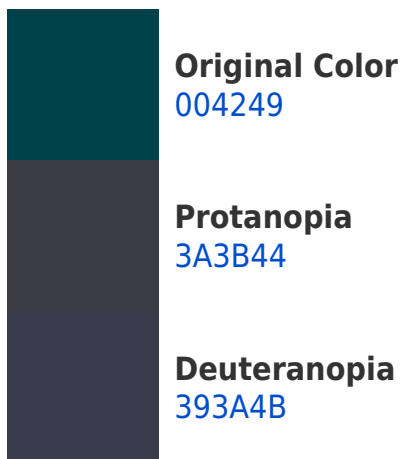


This preview shows how white text looks on a background with the Hex color 004249.

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



Trichromacy



Original Color
004249

Protanomaly
253E46

Deuteranomaly
243D4A

Monochromacy



Original Color
004249

Achromatopsia
2F2F2F

Achromatomaly
1E3638

CSS Examples

Text

The CSS property to change the color of the text to Hex 004249 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 #004249 looks like.

```
.text, #text, p{  
    color:#004249  
}
```

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 #004249 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004249
}
```

Border

The CSS property to change the border of an element to Hex 004249 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
#004249 }
```

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

```
.border{ border-color:#004249 }
```

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

Here you see how a box with a 4 pixel #004249 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004249; -webkit-box-shadow:4px 4px  
4px 4px #004249; box-shadow:4px 4px 4px  
4px #004249 }
```

Background

The CSS property to change the background color of an element to Hex 004249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004249 }
```

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

```
.background{ background-color:#004249 }
```

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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