

Converting Colors

Hex(004349)

Have a look what the booklet for
Hex(004349) contains.

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Color

Hex(004349)

Conversions

Conversions Part 1

Format	Color
Hex	004349
RGB	0, 67, 73
RGB Percent	0%, 26%, 29%
CMY	1.0000, 0.7373, 0.7137
CMYK	1.00, 0.08, 0.00, 0.71
HSL	185°, 100%, 14%
HSV	185°, 100%, 29%
XYZ	3.2098, 4.4953, 7.0018
YIQ	47.6510, -41.8580, -12.3380

Conversions

Conversions Part 2

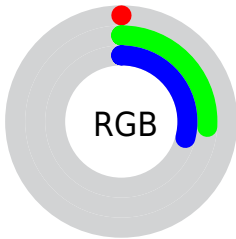
Format	Color
RYB	0, 35, 73
Decimal	17225
CIELab	25.25, -16.17, -9.01
CIELCh	25, 18.512, 209.140
Yxy	4.4953, 0.2182, 0.3057
Android (android.graphics.Color)	4278207305 (0xFF004349)
YUV	47.6510, 12.4971, -41.7899
Hunter-Lab	21.2022, -10.0813, -4.7384

Details

The Hex color **004349** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **490600**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **3D737A**, and **00191D** is the 20% darker color. If you saturate the color by 10%, you get **004349**, and if you desaturate by 10%, it is **074449**.

Distribution



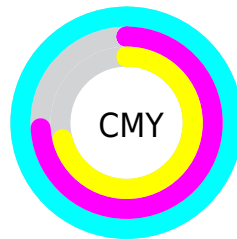
- Red (0%)
- Green (26%)
- Blue (29%)



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



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (71%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 004349 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 004349 by changing the saturation by 10% instead.

 004349

 004349

 FDFFFF

 002D32

 3D737A

 00191D

 578D93

 000002

 71A7AE

 000000

 8CC3C9

 A7DFE5

 C3FBFF

 E0FFFF

 004349

■ 074449

■ 0F4449

■ 164549

■ 1D4549

■ 254649

■ 2C4749

■ 334749

■ 3A4849

■ 424849

Harmonies

Analogous

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



13433B



004349



0C4154

Triad

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



004349



4D344A



453B20

Complementary

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



004349



490600

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.



513624



004349



56313D

Square

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



004349



3D3854



57322F



373F23

Rectangle

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



004349



1E3F57



57322F



4A3920

Sweetspot

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



004349



425C5E



004905



1F2F30



B0B0B0



303030

Same Dimension

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



004349



00575E



002049



202324



005B63



00D0E3

Inverse Universe

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



490043



5E0057



492900



242023



63005B



E300D0

Previews

White Background



This preview shows how the Hex color 004349 looks on a white background.

Color Contrast Check

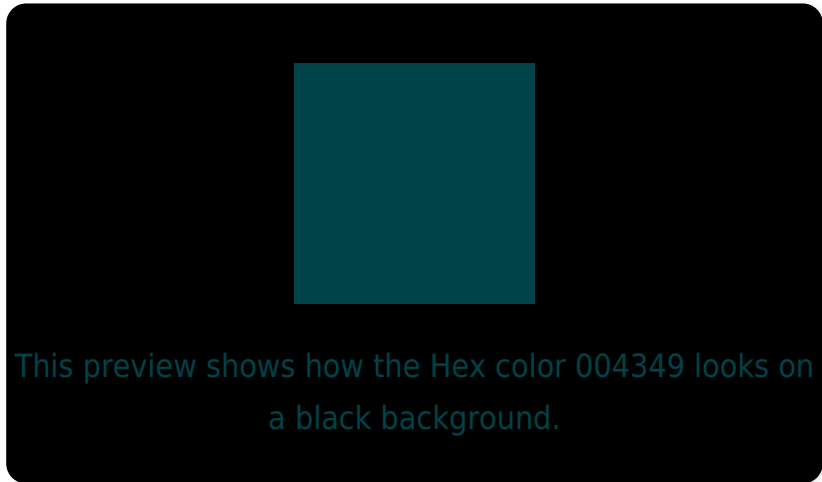
Large Text (above 18pt) WCAG AA ✓ Pass

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

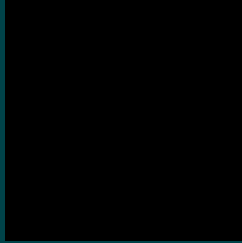
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

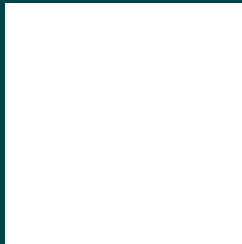
Any Text WCAG AAA × Fail

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

Hex 004349 Background



This preview shows how black text looks on a background with the Hex color 004349.



This preview shows how white text looks on a background with the Hex color 004349.

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

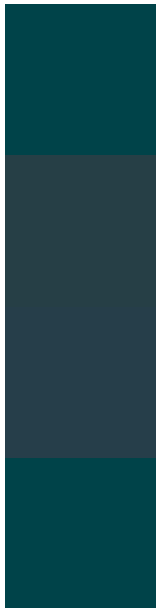


Original Color
004349

Protanopia
3B3C44

Deuteranopia
3B3B4B

Trichromacy



Original Color
004349

Protanomaly
263F46

Deuteranomaly
263E4A

Tritanomaly
004349

Monochromacy



Original Color
004349

Achromatopsia
303030

Achromatomaly
1F3739

CSS Examples

Text

The CSS property to change the color of the text to Hex 004349 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 #004349 looks like.

```
.text, #text, p{  
    color:#004349  
}
```

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 #004349 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004349
}
```

Border

The CSS property to change the border of an element to Hex 004349 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
#004349 }
```

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

```
.border{ border-color:#004349 }
```

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

Here you see how a box with a 4 pixel #004349 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004349; -webkit-box-shadow:4px 4px  
4px 4px #004349; box-shadow:4px 4px 4px  
4px #004349 }
```

Background

The CSS property to change the background color of an element to Hex 004349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004349 }
```

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

```
.background{ background-color:#004349 }
```

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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