

# Converting Colors

Hex(044349)

Have a look what the booklet for  
Hex(044349) contains.

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# Color

Hex(044349)

# Conversions

## Conversions Part 1

Format	Color
Hex	044349
RGB	4, 67, 73
RGB Percent	2%, 26%, 29%
CMY	0.9843, 0.7373, 0.7137
CMYK	0.95, 0.08, 0.00, 0.71
HSL	185°, 90%, 15%
HSV	185°, 95%, 29%
XYZ	3.2598, 4.5212, 7.0042
YIQ	48.8470, -39.4740, -11.4900

# Conversions

## Conversions Part 2

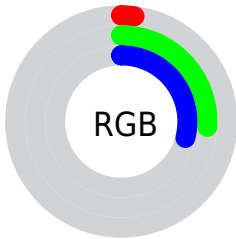
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	4, 37, 73
Decimal	279369
CIE Lab	25.32, -15.67, -8.89
CIE LCh	25, 18.017, 209.556
Yxy	4.5212, 0.2205, 0.3058
Android (android.graphics.Color)	4278469449 (0xFF044349)
<b>YUV</b>	48.8470, 11.9074, -39.3308
Hunter-Lab	21.2630, -9.8445, -4.6464

# Details

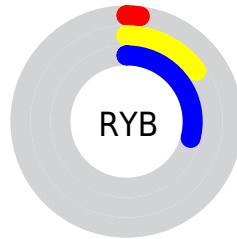
The Hex color **044349** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **490A04**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **3F737A**, 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 **0B4449**.

# Distribution



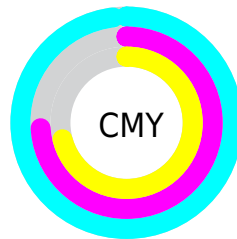
- Red (2%)
- Green (26%)
- Blue (29%)



- Red (2%)
- Yellow (15%)
- Blue (29%)



- Cyan (95%)
- Magenta (8%)
- Yellow (0%)
- Black (71%)



- Cyan (98%)
- Magenta (74%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 044349 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 044349 by changing the saturation by 10% instead.



044349

044349

FEFFFF

002D32

3F737A

00191D

598D93

000002

73A7AE

000000

8DC3C9

A9DFE5

C5FBFF

E1FFFF

044349

044349

■ 004349

■ 0B4449

■ 134449

■ 1A4549

■ 214649

■ 294649

■ 304749

■ 374749

■ 3E4849

■ 464949

# Harmonies

## Analogous

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



14433B



044349



104153

# Triad

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



044349



4D344A



453B21

# Complementary

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



044349



490A04

# 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.



503625



044349



55313D

# Square

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



044349



3D3954



56332F



373F24

# Rectangle

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



044349



203F57



56332F



493A21



# Sweetspot

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



044349



445C5E



04490A



202F30



B0B0B0



303030



# Same Dimension

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



044349



00565E



042149



202324



005B63



00CFE3



# Inverse Universe

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



490443



5E0056



492C04



242023



63005B

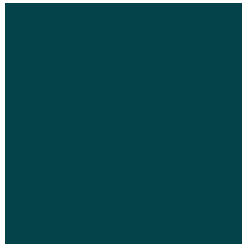


E300CF



# Previews

## White Background



This preview shows how the Hex color 044349 looks on a white background.

## Color Contrast Check

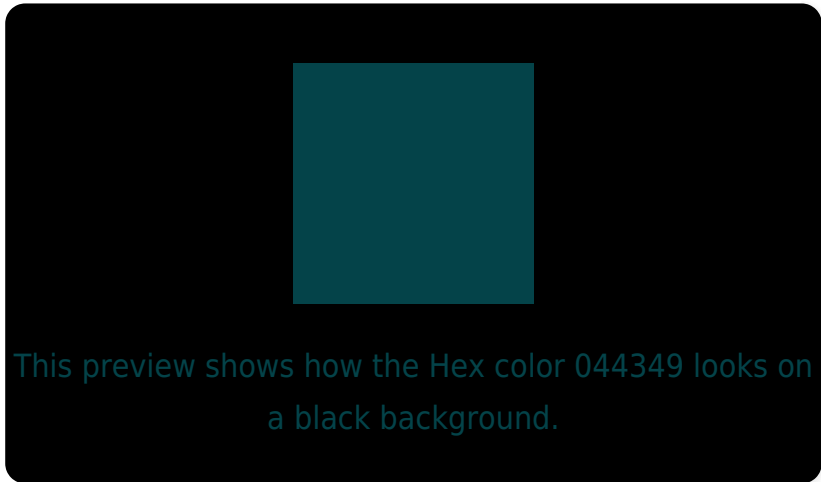
Large Text (above 18pt) WCAG AA ✓ Pass

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

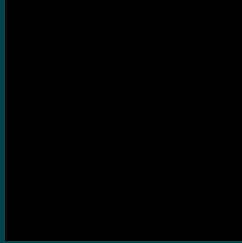
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

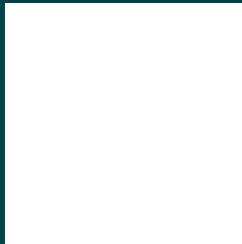
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 044349 Background



This preview shows how black text looks on a background with the Hex color 044349.



This preview shows how white text looks on a background with the Hex color 044349.

# 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



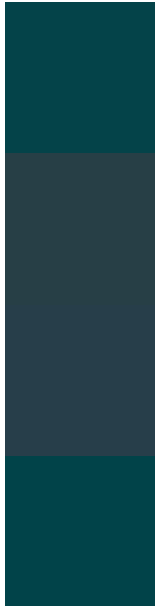
**Original Color**  
044349

**Protanopia**  
3B3C44

**Deuteranopia**  
3B3B4B



# Trichromacy



**Original Color**  
044349

**Protanomaly**  
273F46

**Deuteranomaly**  
273E4A

**Tritanomaly**  
014349

# Monochromacy



**Original Color**  
044349

**Achromatopsia**  
313131

**Achromatomaly**  
21383A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 044349 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 #044349 looks like.

```
.text, #text, p{  
    color:#044349  
}
```

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 #044349 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #044349
}
```

## Border

The CSS property to change the border of an element to Hex 044349 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
#044349 }
```

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

```
.border{ border-color:#044349 }
```

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

Here you see how a box with a 4 pixel #044349 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #044349; -webkit-box-shadow:4px 4px  
4px 4px #044349; box-shadow:4px 4px 4px  
4px #044349 }
```

# Background

The CSS property to change the background color of an element to Hex 044349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#044349 }
```

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

```
.background{ background-color:#044349 }
```

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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