

Converting Colors

Hex(014039)

Have a look what the booklet for
Hex(014039) contains.

Hex(014039)	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(014039)

Conversions

Conversions Part 1

Format	Color
Hex	014039
RGB	1, 64, 57
RGB Percent	0%, 25%, 22%
CMY	0.9961, 0.7490, 0.7765
CMYK	0.98, 0.00, 0.11, 0.75
HSL	173°, 97%, 13%
HSV	173°, 98%, 25%
XYZ	2.5844, 3.9687, 4.5007
YIQ	44.3650, -35.3010, -15.5330

Conversions

Conversions Part 2

Format	Color
R_{YB}	1, 34, 64
Decimal	81977
CIE Lab	23.57, -20.20, -0.93
CIE LCh	24, 20.218, 182.642
Yxy	3.9687, 0.2338, 0.3590
Android (android.graphics.Color)	4278272057 (0xFF014039)
YUV	44.3650, 6.2291, -38.0311
Hunter-Lab	19.9215, -11.7056, 0.5501

Details

The Hex color **014039** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **400108**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **3A7068**, and **00150E** is the 20% darker color. If you saturate the color by 10%, you get **004039**, and if you desaturate by 10%, it is **07403A**.

Distribution



- Red (0%)
- Green (25%)
- Blue (22%)



- Red (0%)
- Yellow (13%)
- Blue (25%)



- Cyan (98%)
- Magenta (0%)
- Yellow (11%)
- Black (75%)



- Cyan (100%)
- Magenta (75%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 014039 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 014039 by changing the saturation by 10% instead.

 014039

 014039

 F8FFFF

 002A24

 3A7068

 00150E

 538A81

 000000


 6DA49B

 88BFB6

 A3DBD1

 BEF8EE

 DBFFFF

 014039

 014039

■ 004039

■ 07403A

■ 0E403A

■ 14403B

■ 1B403C

■ 21403D

■ 27403D

■ 2E403E

■ 34403F

■ 3B403F

Harmonies

Analogous

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



1E3F2A



014039



004048

Triad

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



014039



3B3452



4D321E

Complementary

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



014039



400108

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.



542E29



014039



4C2E46

Square

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



014039



223956



542C37



403819

Rectangle

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



014039



003E50



542C37



503121

Sweetspot

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



014039



3B5451



084001



1C2B2A



ABABAB



2B2B2B

Same Dimension

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



014039



00544B



012840



1E2121



006156



00E0C7

Inverse Universe

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



400108



540009



401901



211E1E



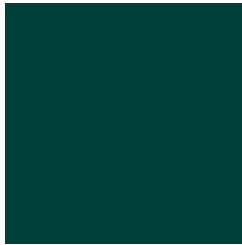
61000B



E00019

Previews

White Background



This preview shows how the Hex color 014039 looks on a white background.

Color Contrast Check

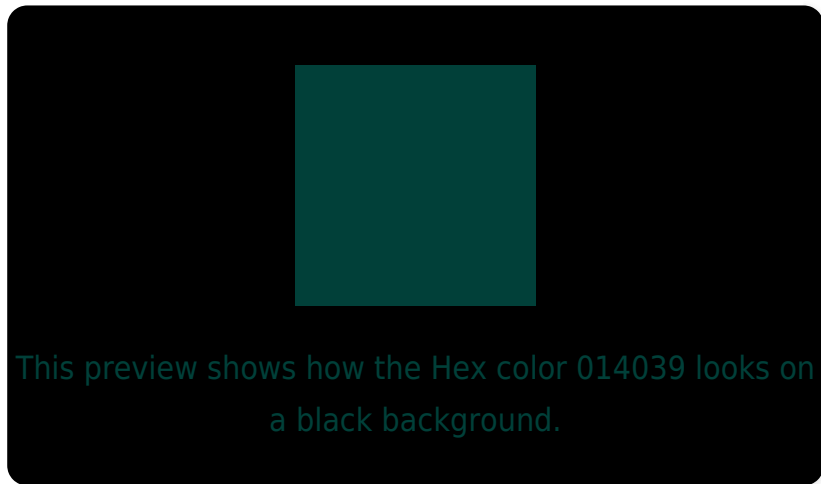
Large Text (above 18pt) WCAG AA ✓ Pass

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

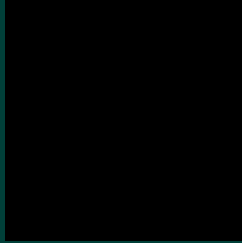
Any Text WCAG AA × Fail

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 014039 Background



This preview shows how black text looks on a background with the Hex color 014039.



This preview shows how white text looks on a background with the Hex color 014039.

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](#).

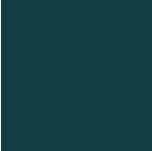
Dichromacy



Original Color
014039

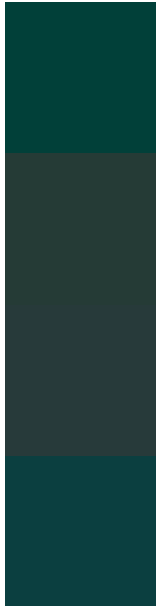
Protanopia
3A3835

Deuteranopia
3D373B



Tritanopia
113E44

Trichromacy



Original Color
014039

Protanomaly
253B36

Deuteranomaly
273A3A

Tritanomaly
0B3F40

Monochromacy



Original Color
014039

Achromatopsia
2C2C2C

Achromatomaly
1C3331

CSS Examples

Text

The CSS property to change the color of the text to Hex 014039 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 #014039 looks like.

```
.text, #text, p{  
    color:#014039  
}
```

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 #014039 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #014039
}
```

Border

The CSS property to change the border of an element to Hex 014039 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
#014039 }
```

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

```
.border{ border-color:#014039 }
```

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

Here you see how a box with a 4 pixel #014039 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #014039; -webkit-box-shadow:4px 4px  
4px 4px #014039; box-shadow:4px 4px 4px  
4px #014039 }
```

Background

The CSS property to change the background color of an element to Hex 014039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#014039 }
```

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

```
.background{ background-color:#014039 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor