

# Converting Colors

Hex(014139)

Have a look what the booklet for  
Hex(014139) contains.

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# Color

**Hex(014139)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 014139                      |
| RGB         | 1, 65, 57                   |
| RGB Percent | 0%, 25%, 22%                |
| CMY         | 0.9961, 0.7451, 0.7765      |
| CMYK        | 0.98, 0.00, 0.12, 0.75      |
| HSL         | 172°, 97%, 13%              |
| HSV         | 172°, 98%, 25%              |
| XYZ         | 2.6413, 4.0825, 4.5197      |
| YIQ         | 44.9520, -35.5760, -16.0560 |

# Conversions

## Conversions Part 2

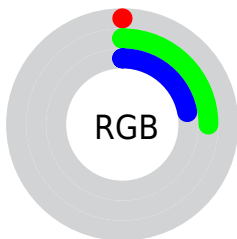
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>Y</sub>B</b>               | 1, 35, 65                    |
| Decimal                             | 82233                        |
| CIE Lab                             | 23.94, -20.72, -0.38         |
| CIE LCh                             | 24, 20.720, 181.059          |
| Yxy                                 | 4.0825, 0.2349,<br>0.3631    |
| Android<br>(android.graphics.Color) | 4278272313<br>(0xFF014139)   |
| YUV                                 | 44.9520, 5.9397,<br>-38.5459 |
| Hunter-Lab                          | 20.2051, -12.0243,<br>0.8810 |

# Details

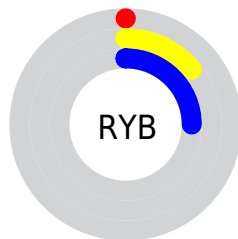
The Hex color **014139** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **410109**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **3A7168**, and **00170E** is the 20% darker color. If you saturate the color by 10%, you get **004139**, and if you desaturate by 10%, it is **07413A**.

# Distribution



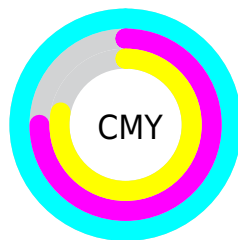
- Red (0%)
- Green (25%)
- Blue (22%)



- Red (0%)
- Yellow (14%)
- Blue (25%)



- Cyan (98%)
- Magenta (0%)
- Yellow (12%)
- Black (75%)



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


# Brightness & Saturation Gradients

These gradients show how the Hex color 014139 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 014139 by changing the saturation by 10% instead.



 014139

 014139

 F8FFFF

 002B24

 3A7168

 00170E

 548B81

 000000

 6EA59B

 88C1B6

 A3DDD1

 BFF9EE

 DBFFFF

 014139

 014139

■ 004139

■ 07413A

■ 0E413B

■ 14413B

■ 1B413C

■ 21413D

■ 28413E

■ 2E413F

■ 35413F

■ 3B4140

# Harmonies

## Analogous

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



1F4029



014139



004148

# Triad

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



014139



3B3554



4F331E

# Complementary

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



014139



410109

# 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.



562E2A



014139



4D2F48

# Square

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



014139



213A58



562C39



423819

# Rectangle

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



014139



003F51



562C39



523121



# Sweetspot

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



014139



3B5451



0A4101



1C2B29



ABABAB



2B2B2B



# Same Dimension

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



014139



00544A



012A41



1E2121



006155



00E0C4



# Inverse Universe

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



410109



54000B



411801



211E1E



61000C



E0001C



# Previews

## White Background



This preview shows how the Hex color 014139 looks on a white background.

## Color Contrast Check

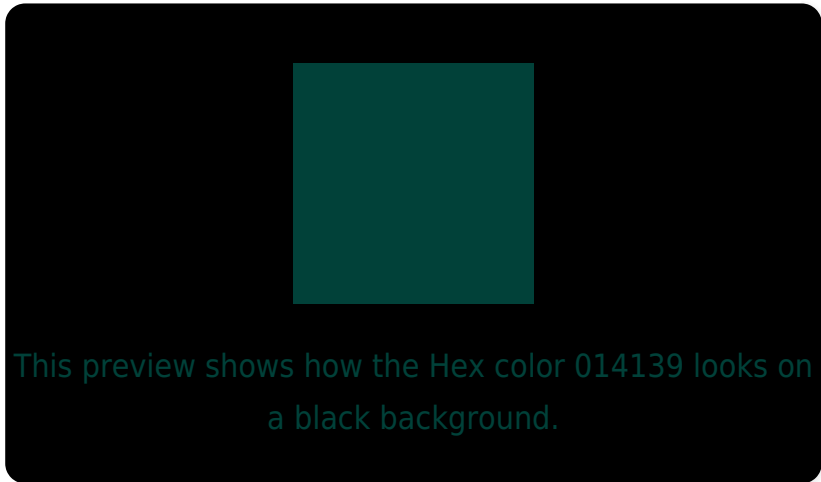
Large Text (above 18pt) WCAG AA ✓ Pass

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

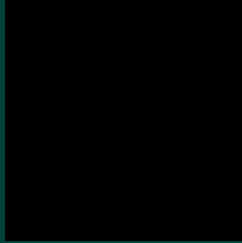
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 014139 Background



This preview shows how black text looks on a background with the Hex color 014139.



This preview shows how white text looks on a background with the Hex color 014139.

# 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**  
014139

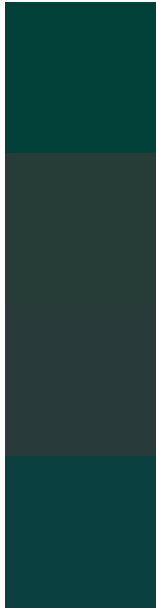
**Protanopia**  
3B3935

**Deuteranopia**  
3E383B



**Tritanopia**  
113F45

# Trichromacy



**Original Color**  
014139

**Protanomaly**  
263C36

**Deuteranomaly**  
283B3A

**Tritanomaly**  
0B4041

# Monochromacy



**Original Color**  
014139

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
1D3431

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 014139 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 #014139 looks like.

```
.text, #text, p{  
    color:#014139  
}
```

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 #014139 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #014139
}
```

## Border

The CSS property to change the border of an element to Hex 014139 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
#014139 }
```

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

```
.border{ border-color:#014139 }
```

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

Here you see how a box with a 4 pixel #014139 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #014139; -webkit-box-shadow:4px 4px  
4px 4px #014139; box-shadow:4px 4px 4px  
4px #014139 }
```

# Background

The CSS property to change the background color of an element to Hex 014139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#014139 }
```

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

```
.background{ background-color:#014139 }
```

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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