

# Converting Colors

Hex(014A3E)

Have a look what the booklet for  
Hex(014A3E) contains.

<b>Hex(014A3E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(014A3E)

# Conversions

## Conversions Part 1

Format	Color
Hex	014A3E
RGB	1, 74, 62
RGB Percent	0%, 29%, 24%
CMY	0.9961, 0.7098, 0.7569
CMYK	0.99, 0.00, 0.16, 0.71
HSL	170°, 97%, 15%
HSV	170°, 99%, 29%
XYZ	3.3308, 5.2518, 5.3956
YIQ	50.8050, -39.6560, -19.2080

# Conversions

## Conversions Part 2

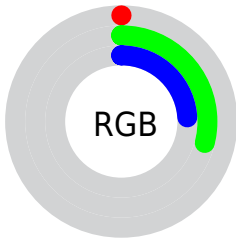
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	1, 41, 74
Decimal	84542
CIE <sub>Lab</sub>	27.44, -23.62, 1.44
CIE <sub>LCh</sub>	27, 23.666, 176.520
Yxy	5.2518, 0.2383, 0.3757
Android (android.graphics.Color)	4278274622 (0xFF014A3E)
YUV	50.8050, 5.5191, -43.6790
Hunter-Lab	22.9168, -14.1608, 2.0824

# Details

The Hex color **014A3E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4A010D**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **3D7B6D**, and **001F14** is the 20% darker color. If you saturate the color by 10%, you get **004A3E**, and if you desaturate by 10%, it is **084A3F**.

# Distribution



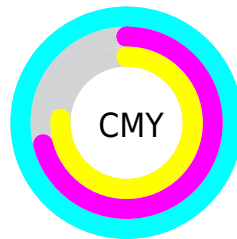
- Red (0%)
- Green (29%)
- Blue (24%)



- Red (0%)
- Yellow (16%)
- Blue (29%)



- Cyan (99%)
- Magenta (0%)
- Yellow (16%)
- Black (71%)




- Cyan (100%)
- Magenta (71%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 014A3E 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 014A3E by changing the saturation by 10% instead.



 014A3E

 014A3E

 FDFFFF

 003328

 3D7B6D

 001F14

 579587

 000000


 72B0A1


 8CCCBC

 A8E8D8

 C3FFF4

 E0FFFF

 014A3E

 014A3E

■ 004A3E

■ 084A3F

■ 104A40

■ 174A42

■ 1F4A43

■ 264A44

■ 2D4A45

■ 354A47

■ 3C4A48

■ 444A49

# Harmonies

## Analogous

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



26482C



014A3E



004A50

# Triad

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



014A3E



3F3D61



5C3923

# Complementary

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



014A3E



4A010D

# 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.



633332



014A3E



553655

# Square

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



014A3E



1D4365



613244



4E3F1C

# Rectangle

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



014A3E



00495B



613244



5F3627



# Sweetspot

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



014A3E



44615C



0D4A01



1F302E



B0B0B0



303030



# Same Dimension

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



014A3E



006151



01324A



222626



006655



00E6C0



# Inverse Universe

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



4A010D



610010



4A1901



262223



660011

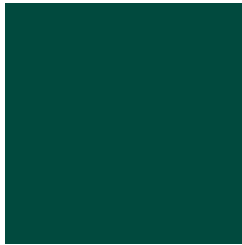


E60026



# Previews

## White Background



This preview shows how the Hex color 014A3E looks on a white background.

## Color Contrast Check

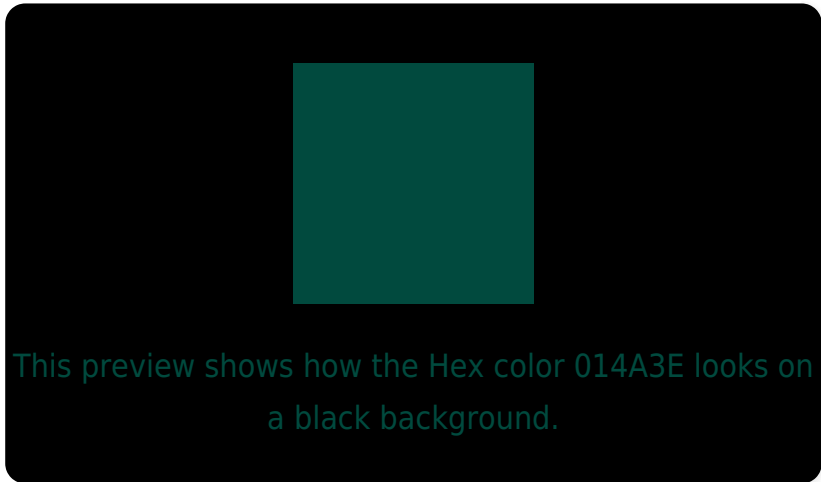
Large Text (above 18pt) WCAG AA ✓ Pass

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

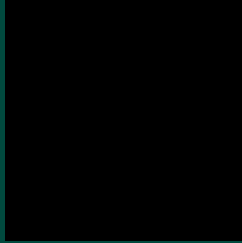
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 014A3E Background



This preview shows how black text looks on a background with the Hex color 014A3E.



This preview shows how white text looks on a background with the Hex color 014A3E.

# 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**  
014A3E

**Protanopia**  
444139

**Deuteranopia**  
483F40



**Tritanopia**  
15484E

# Trichromacy



**Original Color**  
014A3E

**Protanomaly**  
2C443B

**Deuteranomaly**  
2E433F

**Tritanomaly**  
0E4948

# Monochromacy



**Original Color**  
014A3E

**Achromatopsia**  
333333

**Achromatomaly**  
213B37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 014A3E 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 #014A3E looks like.

```
.text, #text, p{  
  color:#014A3E  
}
```

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 #014A3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #014A3E
}
```

## Border

The CSS property to change the border of an element to Hex 014A3E 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
#014A3E }
```

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

```
.border{ border-color:#014A3E }
```

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

Here you see how a box with a 4 pixel #014A3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #014A3E; -webkit-box-shadow:4px 4px  
4px 4px #014A3E; box-shadow:4px 4px 4px  
4px #014A3E }
```

# Background

The CSS property to change the background color of an element to Hex 014A3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#014A3E }
```

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

```
.background{ background-color:#014A3E }
```

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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