

# Converting Colors

Hex(014C76)

Have a look what the booklet for  
Hex(014C76) contains.

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# Color

**Hex(014C76)**

# Conversions

## Conversions Part 1

Format	Color
Hex	014C76
RGB	1, 76, 118
RGB Percent	0%, 30%, 46%
CMY	0.9961, 0.7020, 0.5373
CMYK	0.99, 0.36, 0.00, 0.54
HSL	202°, 98%, 23%
HSV	202°, 99%, 46%
XYZ	5.8670, 6.4833, 18.0817
YIQ	58.3630, -58.1820, -2.8380

# Conversions

## Conversions Part 2

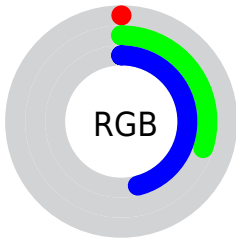
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	1, 47, 118
Decimal	85110
CIE Lab	30.60, -3.26, -29.59
CIE LCh	31, 29.765, 263.711
Yxy	6.4833, 0.1928, 0.2130
Android (android.graphics.Color)	4278275190 (0xFF014C76)
YUV	58.3630, 29.4010, -50.3074
Hunter-Lab	25.4624, -3.4298, -24.2802

# Details

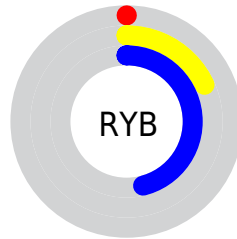
The Hex color **014C76** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **762B01**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **4A7DAA**, and **002145** is the 20% darker color. If you saturate the color by 10%, you get **004C76**, and if you desaturate by 10%, it is **0D5076**.

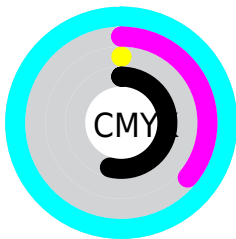
# Distribution



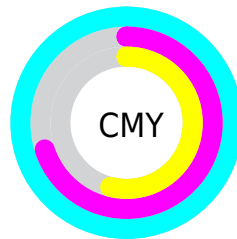
- Red (0%)
- Green (30%)
- Blue (46%)



- Red (0%)
- Yellow (18%)
- Blue (46%)



- Cyan (99%)
- Magenta (36%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (70%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 014C76 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 014C76 by changing the saturation by 10% instead.



014C76

014C76

FFFFFF

00365D

4A7DAA

002145

6696C6

00082F

81B1E2

000119

9DCCFF

000000

B9E9FF

D6FFFF

F4FFFF

014C76

014C76

■ 004C76

■ 0D5076

■ 195476

■ 245976

■ 305D76

■ 3C6176

■ 486576

■ 546A76

■ 5F6E76

■ 6B7276

# Harmonies

## Analogous

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



00516D



014C76



414473

# Triad

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



014C76



733537



27512B

# Complementary

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



014C76



762B01

# 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.



434C1B



014C76



6A3C23

# Square

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



014C76



70344E



594518



005342

# Rectangle

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



014C76



573E6A



594518



315025



# Sweetspot

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



014C76



6B8999



01762A



31434D



CCCCCC



4D4D4D



# Same Dimension

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



014C76



006299



011376



35393B



004E7A



00A0FA



# Inverse Universe

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



76014C



990062



766401



3B3539



7A004E



FA00A0



# Previews

## White Background



This preview shows how the Hex color 014C76 looks on a white background.

## Color Contrast Check

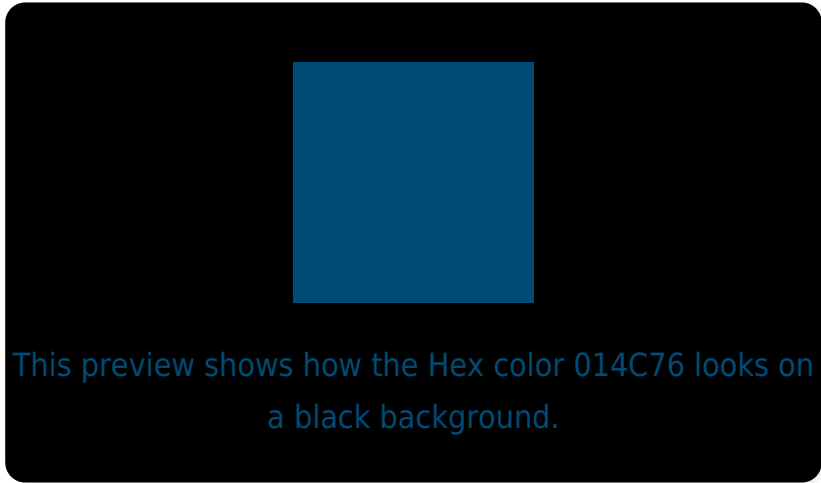
Large Text (above 18pt) WCAG AA ✓ Pass

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

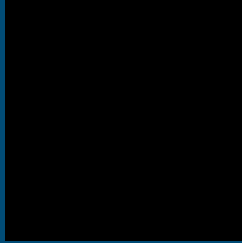
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 014C76 Background



This preview shows how black text looks on a background with the Hex color 014C76.



This preview shows how white text looks on a background with the Hex color 014C76.

# 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





# Trichromacy



**Original Color**  
014C76

**Protanomaly**  
244973

**Deuteranomaly**  
1C4A77

**Tritanomaly**  
004F62

# Monochromacy



**Original Color**  
014C76

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
254150

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 014C76 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 #014C76 looks like.

```
.text, #text, p{  
    color:#014C76  
}
```

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 #014C76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #014C76
}
```

## Border

The CSS property to change the border of an element to Hex 014C76 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
#014C76 }
```

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

```
.border{ border-color:#014C76 }
```

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

Here you see how a box with a 4 pixel #014C76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #014C76; -webkit-box-shadow:4px 4px  
4px 4px #014C76; box-shadow:4px 4px 4px  
4px #014C76 }
```

# Background

The CSS property to change the background color of an element to Hex 014C76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#014C76 }
```

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

```
.background{ background-color:#014C76 }
```

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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