

Converting Colors

Hex(014C33)

Have a look what the booklet for
Hex(014C33) contains.

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Color

Hex(014C33)

Conversions

Conversions Part 1

Format	Color
Hex	014C33
RGB	1, 76, 51
RGB Percent	0%, 30%, 20%
CMY	0.9961, 0.7020, 0.8000
CMYK	0.99, 0.00, 0.33, 0.70
HSL	160°, 97%, 15%
HSV	160°, 99%, 30%
XYZ	3.1945, 5.4144, 4.0087
YIQ	50.7250, -36.6750, -23.6750

Conversions

Conversions Part 2

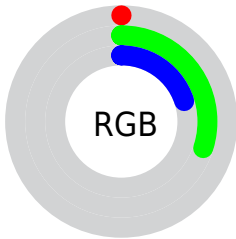
Format	Color
R_YB	1, 46, 76
Decimal	85043
CIE Lab	27.88, -27.80, 9.13
CIE LCh	28, 29.257, 161.821
Yxy	5.4144, 0.2532, 0.4291
Android (android.graphics.Color)	4278275123 (0xFF014C33)
YUV	50.7250, 0.1356, -43.6088
Hunter-Lab	23.2688, -16.2146, 6.0738

Details

The Hex color **014C33** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4C011A**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **3D7E61**, and **002105** is the 20% darker color. If you saturate the color by 10%, you get **004C33**, and if you desaturate by 10%, it is **094C36**.

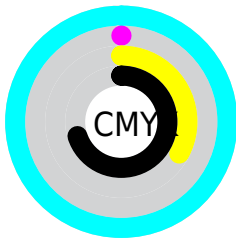
Distribution



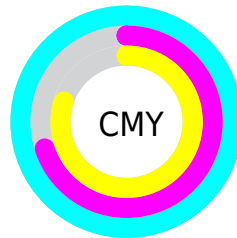
- Red (0%)
- Green (30%)
- Blue (20%)



- Red (0%)
- Yellow (18%)
- Blue (30%)



- Cyan (99%)
- Magenta (0%)
- Yellow (33%)
- Black (70%)




- Cyan (100%)
- Magenta (70%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 014C33 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 014C33 by changing the saturation by 10% instead.

 014C33

 014C33

 FDFFFF

 00351E

 3D7E61

 002105

 57987A

 000000

 71B394

 8CCEAF

 A7EBCA

 C3FFE6

 E0FFFF

 014C33

 014C33

■ 004C33

■ 094C36

■ 104C38

■ 184C3B

■ 1F4C3D

■ 274C40

■ 2F4C42

■ 364C45

■ 3E4C47

■ 454C4A

Harmonies

Analogous

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



2D491F



014C33



004D4A

Triad

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



014C33



2A416E



673325

Complementary

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



014C33



4C011A

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.



6B2E3A



014C33



4F3863

Square

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



014C33



00486C



643050



5A3C16

Rectangle

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



014C33



004C59



643050



6A312B

Sweetspot

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



014C33



46635A



1A4C01



21332D



B3B3B3



333333

Same Dimension

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



014C33



006342



013F4C



222625



006644



00E699

Inverse Universe

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



4C011A



630021



4C0D01



262224



660022



E6004D

Previews

White Background



This preview shows how the Hex color 014C33 looks on a white background.

Color Contrast Check

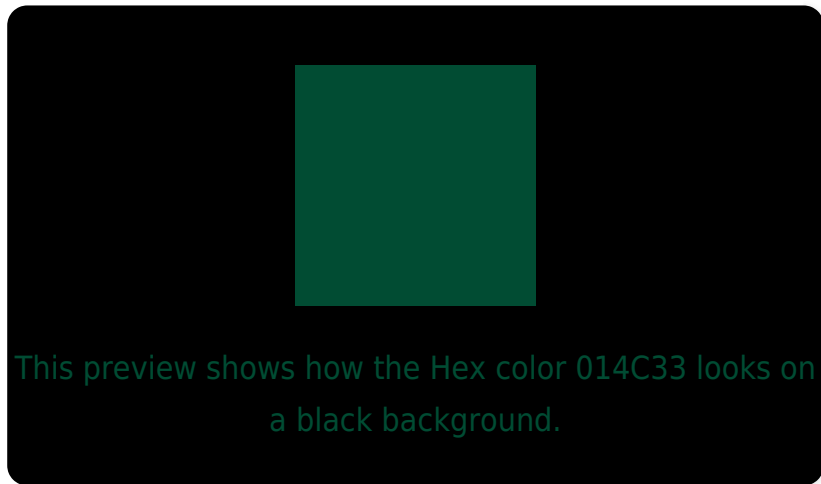
Large Text (above 18pt) WCAG AA ✓ Pass

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

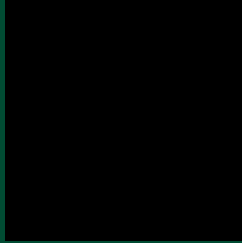
Any Text WCAG AA × Fail

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 014C33 Background



This preview shows how black text looks on a background with the Hex color 014C33.



This preview shows how white text looks on a background with the Hex color 014C33.

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](#).

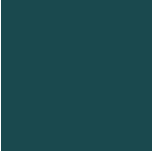
Dichromacy



Original Color
014C33

Protanopia
47422F

Deuteranopia
4D4036



Tritanopia
1A494E

Trichromacy



Original Color
014C33

Protanomaly
2E4630

Deuteranomaly
314435

Tritanomaly
114A44

Monochromacy



Original Color
014C33

Achromatopsia
333333

Achromatomaly
213C33

CSS Examples

Text

The CSS property to change the color of the text to Hex 014C33 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 #014C33 looks like.

```
.text, #text, p{  
    color:#014C33  
}
```

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 #014C33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #014C33
}
```

Border

The CSS property to change the border of an element to Hex 014C33 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
#014C33 }
```

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

```
.border{ border-color:#014C33 }
```

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

Here you see how a box with a 4 pixel #014C33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #014C33; -webkit-box-shadow:4px 4px  
4px 4px #014C33; box-shadow:4px 4px 4px  
4px #014C33 }
```

Background

The CSS property to change the background color of an element to Hex 014C33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#014C33 }
```

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

```
.background{ background-color:#014C33 }
```

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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