

Converting Colors

Hex(014941)

Have a look what the booklet for
Hex(014941) contains.

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Color

Hex(014941)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 014941 |
| RGB | 1, 73, 65 |
| RGB Percent | 0%, 29%, 25% |
| CMY | 0.9961, 0.7137, 0.7451 |
| CMYK | 0.99, 0.00, 0.11, 0.71 |
| HSL | 173°, 97%, 15% |
| HSV | 173°, 99%, 29% |
| XYZ | 3.3492, 5.1532, 5.8192 |
| YIQ | 50.5600, -40.3440, -17.7520 |

Conversions

Conversions Part 2

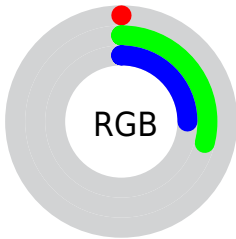
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 1, 39, 73 |
| Decimal | 84289 |
| CIE _{Lab} | 27.17, -22.14, -0.91 |
| CIE _{LCh} | 27, 22.161, 182.352 |
| Yxy | 5.1532, 0.2339, 0.3598 |
| Android (android.graphics.Color) | 4278274369 (0xFF014941) |
| YUV | 50.5600, 7.1189, -43.4641 |
| Hunter-Lab | 22.7006, -13.3907, 0.6918 |

Details

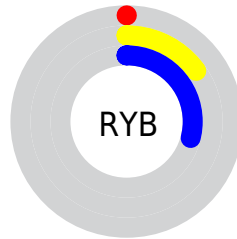
The Hex color **014941** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **490109**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **3E7A71**, and **001E17** is the 20% darker color. If you saturate the color by 10%, you get **004941**, and if you desaturate by 10%, it is **084942**.

Distribution



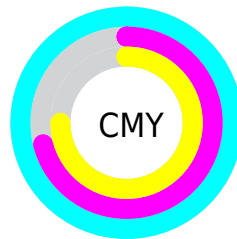
- Red (0%)
- Green (29%)
- Blue (25%)



- Red (0%)
- Yellow (15%)
- Blue (29%)



- Cyan (99%)
- Magenta (0%)
- Yellow (11%)
- Black (71%)





- Cyan (100%)
- Magenta (71%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 014941 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 014941 by changing the saturation by 10% instead.

 014941

 014941

 FDFFF

 00322B

 3E7A71

 001E17

 57948A

 000000

 72AFA4

 8CCABF

 A8E7DB

 C4FFF8

 E0FFF

 014941

 014941

■ 004941

■ 084942

■ 104943

■ 174943

■ 1E4944

■ 254945

■ 2D4946

■ 344947

■ 3B4947

■ 434948

Harmonies

Analogous

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



234830



014941



004952

Triad

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



014941



443B5D



573A22

Complementary

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



014941



490109

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.



60342F



014941



563550

Square

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



014941



274162



60323F



49401E

Rectangle

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



014941



00475B



60323F



5B3826

Sweetspot

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



014941



425E5B



094901



1F302F



B0B0B0



303030

Same Dimension

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



014941



005E54



012D49



202423



006358



00E3CA

Inverse Universe

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



490109



5E000A



491D01



242021



63000B



E30019

Previews

White Background



This preview shows how the Hex color 014941 looks on a white background.

Color Contrast Check

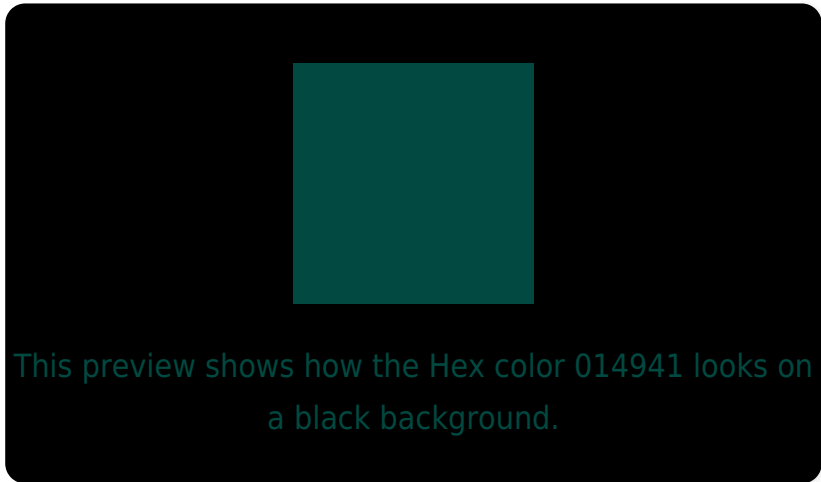
Large Text (above 18pt) WCAG AA ✓ Pass

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

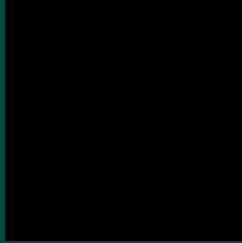
Any Text WCAG AA × Fail

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 014941 Background



This preview shows how black text looks on a background with the Hex color 014941.



This preview shows how white text looks on a background with the Hex color 014941.

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](#).

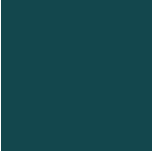
Dichromacy



Original Color
014941

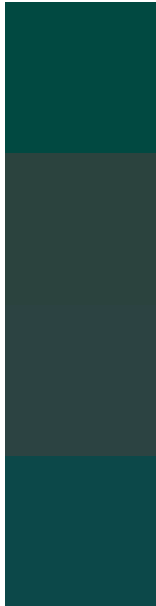
Protanopia
43403C

Deuteranopia
453F43



Tritanopia
13474D

Trichromacy



Original Color
014941

Protanomaly
2B433E

Deuteranomaly
2C4342

Tritanomaly
0C4849

Monochromacy



Original Color
014941

Achromatopsia
333333

Achromatomaly
213B38

CSS Examples

Text

The CSS property to change the color of the text to Hex 014941 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 #014941 looks like.

```
.text, #text, p{  
    color:#014941  
}
```

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 #014941 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #014941
}
```

Border

The CSS property to change the border of an element to Hex 014941 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
#014941 }
```

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

```
.border{ border-color:#014941 }
```

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

Here you see how a box with a 4 pixel #014941 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #014941; -webkit-box-shadow:4px 4px  
4px 4px #014941; box-shadow:4px 4px 4px  
4px #014941 }
```

Background

The CSS property to change the background color of an element to Hex 014941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#014941 }
```

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

```
.background{ background-color:#014941 }
```

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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