

Converting Colors

Hex(014744)

Have a look what the booklet for
Hex(014744) contains.

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Color

Hex(014744)

Conversions

Conversions Part 1

Format	Color
Hex	014744
RGB	1, 71, 68
RGB Percent	0%, 28%, 27%
CMY	0.9961, 0.7216, 0.7333
CMYK	0.99, 0.00, 0.04, 0.72
HSL	177°, 97%, 14%
HSV	177°, 99%, 28%
XYZ	3.3091, 4.9303, 6.2461
YIQ	49.7280, -40.7570, -15.7730

Conversions

Conversions Part 2

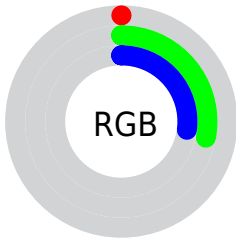
Format	Color
R_{YB}	1, 37, 71
Decimal	83780
CIE Lab	26.54, -20.08, -3.80
CIE LCh	27, 20.431, 190.711
Yxy	4.9303, 0.2284, 0.3404
Android (android.graphics.Color)	4278273860 (0xFF014744)
YUV	49.7280, 9.0081, -42.7345
Hunter-Lab	22.2042, -12.2552, -1.1354

Details

The Hex color **014744** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **470104**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **3D7874**, and **001D19** is the 20% darker color. If you saturate the color by 10%, you get **004744**, and if you desaturate by 10%, it is **084744**.

Distribution



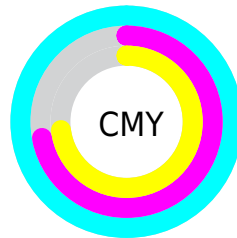
- Red (0%)
- Green (28%)
- Blue (27%)



- Red (0%)
- Yellow (15%)
- Blue (28%)



- Cyan (99%)
- Magenta (0%)
- Yellow (4%)
- Black (72%)



- Cyan (100%)
- Magenta (72%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 014744 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 014744 by changing the saturation by 10% instead.

014744

014744

FDFEFF

00302E

3D7874

001D19

57928E

000000

72ACA8

8CC8C3

A8E4DF

C3FFFC

E0FFFF

014744

014744

■ 004744

■ 084744

■ 0F4745

■ 164745

■ 1D4745

■ 254746

■ 2C4746

■ 334746

■ 3A4746

■ 414747

Harmonies

Analogous

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



1E4634



014744



004653

Triad

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



014744



483956



513A21

Complementary

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



014744



470104

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.



5A352B



014744



573449

Square

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



014744



313E5D



5D323A



434020

Rectangle

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



014744



04445A



5D323A



553824

Sweetspot

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



014744



405C5B



044701



1D2E2D



ADADAD



2E2E2E

Same Dimension

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



014744



005C58



012847



202424



00635F



00E3D9

Inverse Universe

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



470104



5C0004



472101



242020



630004



E3000A

Previews

White Background



This preview shows how the Hex color 014744 looks on a white background.

Color Contrast Check

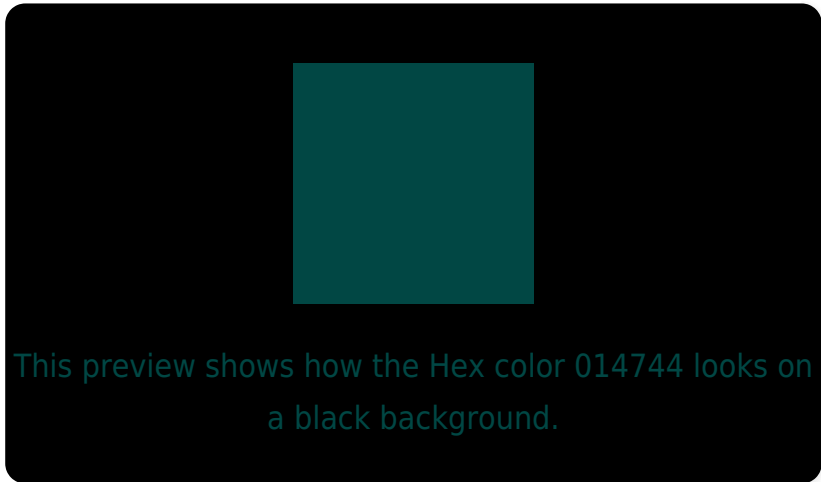
Large Text (above 18pt) WCAG AA ✓ Pass

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

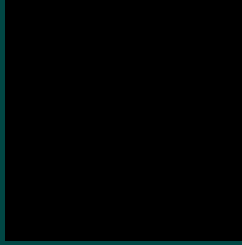
Any Text WCAG AA × Fail

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 014744 Background



This preview shows how black text looks on a background with the Hex color 014744.

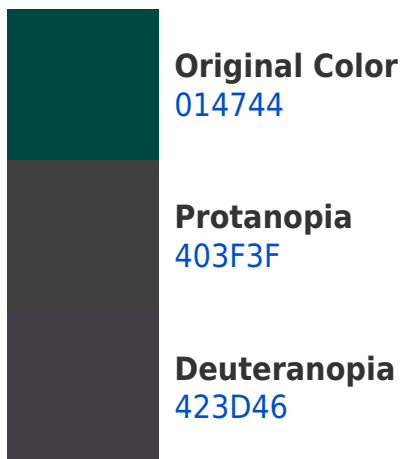


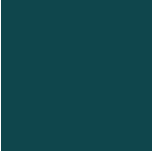
This preview shows how white text looks on a background with the Hex color 014744.

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](#).

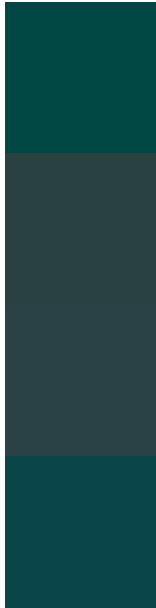
Dichromacy





Tritanopia
0F464C

Trichromacy



Original Color
014744

Protanomaly
294241

Deuteranomaly
2A4145

Tritanomaly
0A4649

Monochromacy



Original Color
014744

Achromatopsia
323232

Achromatomaly
203A39

CSS Examples

Text

The CSS property to change the color of the text to Hex 014744 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 #014744 looks like.

```
.text, #text, p{  
    color:#014744  
}
```

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 #014744 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #014744
}
```

Border

The CSS property to change the border of an element to Hex 014744 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
#014744 }
```

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

```
.border{ border-color:#014744 }
```

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

Here you see how a box with a 4 pixel #014744 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #014744; -webkit-box-shadow:4px 4px  
4px 4px #014744; box-shadow:4px 4px 4px  
4px #014744 }
```

Background

The CSS property to change the background color of an element to Hex 014744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#014744 }
```

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

```
.background{ background-color:#014744 }
```

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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