

Converting Colors

Hex(014650)

Have a look what the booklet for
Hex(014650) contains.

Hex(014650)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(014650)

Conversions

Conversions Part 1

Format	Color
Hex	014650
RGB	1, 70, 80
RGB Percent	0%, 27%, 31%
CMY	0.9961, 0.7255, 0.6863
CMYK	0.99, 0.12, 0.00, 0.69
HSL	188°, 98%, 16%
HSV	188°, 99%, 31%
XYZ	3.6506, 4.9660, 8.3555
YIQ	50.5090, -44.3340, -11.5180

Conversions

Conversions Part 2

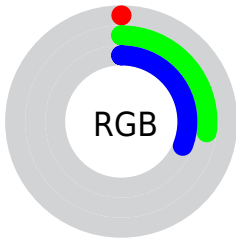
Format	Color
RYB	1, 38, 80
Decimal	83536
CIELab	26.64, -15.08, -11.48
CIELCh	27, 18.953, 217.268
Yxy	4.9660, 0.2151, 0.2926
Android (android.graphics.Color)	4278273616 (0xFF014650)
YUV	50.5090, 14.5391, -43.4194
Hunter-Lab	22.2844, -9.7558, -6.6316

Details

The Hex color **014650** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **500B01**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **3F7781**, and **001C23** is the 20% darker color. If you saturate the color by 10%, you get **004650**, and if you desaturate by 10%, it is **094750**.

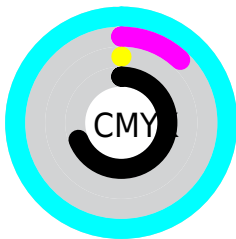
Distribution



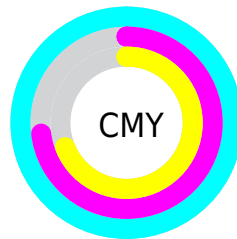
- Red (0%)
- Green (27%)
- Blue (31%)



- Red (0%)
- Yellow (15%)
- Blue (31%)



- Cyan (99%)
- Magenta (12%)
- Yellow (0%)
- Black (69%)





- Cyan (100%)
- Magenta (73%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 014650 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 014650 by changing the saturation by 10% instead.

 014650

 014650

FFFFFF

 002F39

 3F7781

 001C23

 5A909B

 00010D

 74ABB6


 000000


 8FC6D2

 AAE2EE

 C6FFFF

 E3FFFF

 014650

 014650

■ 004650

■ 094750

■ 114850

■ 194950

■ 214A50

■ 294B50

■ 314C50

■ 394D50

■ 414E50

■ 494F50

Harmonies

Analogous

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



0F4742



014650



164359

Triad

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



014650



54354A



453F22

Complementary

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



014650



500B01

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.



523A25



014650



5B343C

Square

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



014650



453A56



5A362E



354327

Rectangle

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



014650



28415C



5A362E



4A3E22

Sweetspot

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



014650



496569



01500A



223336



B5B5B5



363636

Same Dimension

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



014650



005B69



011F50



252829



00CBE8

Inverse Universe

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



500146



69005B



503201



292528



E800CB

Previews

White Background



This preview shows how the Hex color 014650 looks on a white background.

Color Contrast Check

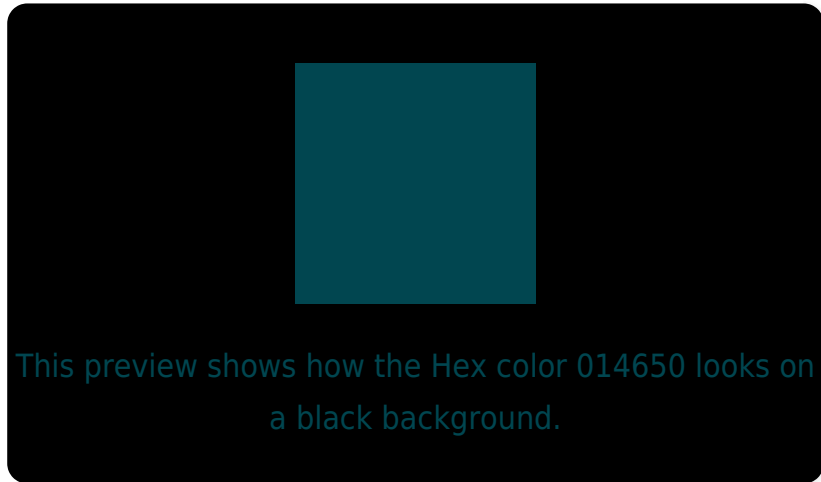
Large Text (above 18pt) WCAG AA ✓ Pass

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

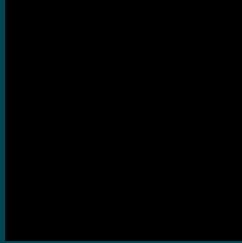
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

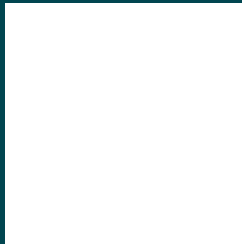
Any Text WCAG AAA × Fail

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

Hex 014650 Background



This preview shows how black text looks on a background with the Hex color 014650.



This preview shows how white text looks on a background with the Hex color 014650.

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
014650

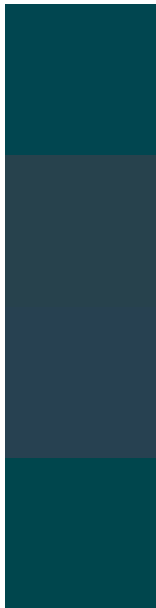
Protanopia
3D3F4B

Deuteranopia
3C3E52



Tritanopia
00464C

Trichromacy



Original Color
014650

Protanomaly
27424D

Deuteranomaly
274151

Tritanomaly
00464D

Monochromacy



Original Color
014650

Achromatopsia
333333

Achromatomaly
213A3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 014650 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 #014650 looks like.

```
.text, #text, p{  
    color:#014650  
}
```

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 #014650 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #014650
}
```

Border

The CSS property to change the border of an element to Hex 014650 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
#014650 }
```

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

```
.border{ border-color:#014650 }
```

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

Here you see how a box with a 4 pixel #014650 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #014650; -webkit-box-shadow:4px 4px  
4px 4px #014650; box-shadow:4px 4px 4px  
4px #014650 }
```

Background

The CSS property to change the background color of an element to Hex 014650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#014650 }
```

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

```
.background{ background-color:#014650 }
```

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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