

Converting Colors

Hex(014955)

Have a look what the booklet for
Hex(014955) contains.

Hex(014955)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(014955)

Conversions

Conversions Part 1

Format	Color
Hex	014955
RGB	1, 73, 85
RGB Percent	0%, 29%, 33%
CMY	0.9961, 0.7137, 0.6667
CMYK	0.99, 0.14, 0.00, 0.67
HSL	189°, 98%, 17%
HSV	189°, 99%, 33%
XYZ	4.0348, 5.4274, 9.4293
YIQ	52.8400, -46.7640, -11.5320

Conversions

Conversions Part 2

Format	Color
R _Y B	1, 40, 85
Decimal	84309
CIE Lab	27.92, -14.89, -12.76
CIE LCh	28, 19.609, 220.604
Yxy	5.4274, 0.2136, 0.2873
Android (android.graphics.Color)	4278274389 (0xFF014955)
YUV	52.8400, 15.8549, -45.4637
Hunter-Lab	23.2968, -9.8552, -7.6896

Details

The Hex color **014955** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **550D01**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **417A87**, and **001E28** is the 20% darker color. If you saturate the color by 10%, you get **004955**, and if you desaturate by 10%, it is **094A55**.

Distribution



- Red (0%)
- Green (29%)
- Blue (33%)



- Red (0%)
- Yellow (16%)
- Blue (33%)



- Cyan (99%)
- Magenta (14%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (71%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 014955 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 014955 by changing the saturation by 10% instead.

014955

014955

FFFFFF

00323E

417A87

001E28

5B94A1

000114

76AEBC

000000

91CAD8

ADE6F4

C9FFFF

E6FFFF

014955

014955

■ 004955

■ 094A55

■ 124B55

■ 1A4D55

■ 234E55

■ 2B4F55

■ 345055

■ 3C5255

■ 455355

■ 4D5455

Harmonies

Analogous

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



0C4A47



014955



1A465E

Triad

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



014955



59374C



474324

Complementary

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



014955



550D01

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.



543E26



014955



5F363D

Square

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



014955



4A3C59



5D392F



36472A

Rectangle

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



014955



2C4360



5D392F



4B4123

Sweetspot

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



014955



4D696E



01550C



243538



B8B8B8



383838

Same Dimension

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



014955



005E6E



012055



272B2B



005C6B



00C9EB

Inverse Universe

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



550149



6E005E



553601



2B272B



6B005C



EB00C9

Previews

White Background



This preview shows how the Hex color 014955 looks on a white background.

Color Contrast Check

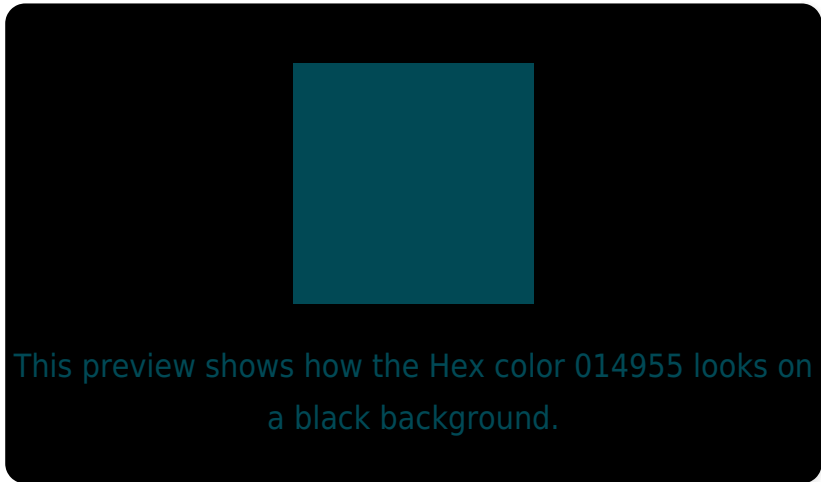
Large Text (above 18pt) WCAG AA ✓ Pass

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

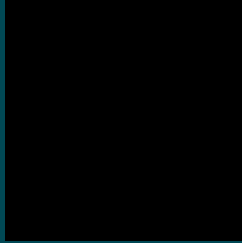
Any Text WCAG AA × Fail

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 014955 Background



This preview shows how black text looks on a background with the Hex color 014955.

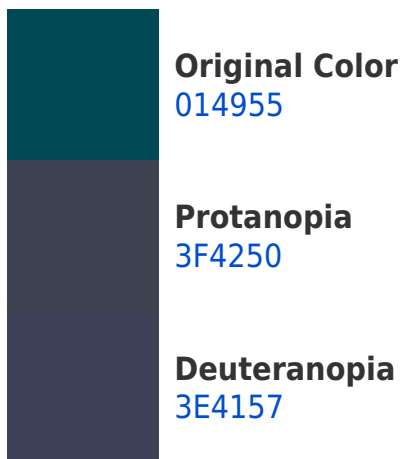


This preview shows how white text looks on a background with the Hex color 014955.

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
004A4F

Trichromacy



Original Color
014955

Protanomaly
284552

Deuteranomaly
284456

Tritanomaly
004A51

Monochromacy



Original Color
014955

Achromatopsia
353535

Achromatomaly
223C41

CSS Examples

Text

The CSS property to change the color of the text to Hex 014955 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 #014955 looks like.

```
.text, #text, p{  
    color:#014955  
}
```

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 #014955 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #014955
}
```

Border

The CSS property to change the border of an element to Hex 014955 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
#014955 }
```

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

```
.border{ border-color:#014955 }
```

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

Here you see how a box with a 4 pixel #014955 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #014955; -webkit-box-shadow:4px 4px  
4px 4px #014955; box-shadow:4px 4px 4px  
4px #014955 }
```

Background

The CSS property to change the background color of an element to Hex 014955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#014955 }
```

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

```
.background{ background-color:#014955 }
```

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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