

Converting Colors

Hex(015C51)

Have a look what the booklet for
Hex(015C51) contains.

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Color

Hex(015C51)

Conversions

Conversions Part 1

Format	Color
Hex	015C51
RGB	1, 92, 81
RGB Percent	0%, 36%, 32%
CMY	0.9961, 0.6392, 0.6824
CMYK	0.99, 0.00, 0.12, 0.64
HSL	173°, 98%, 18%
HSV	173°, 99%, 36%
XYZ	5.3249, 8.2548, 9.0973
YIQ	63.5370, -50.7050, -22.7130

Conversions

Conversions Part 2

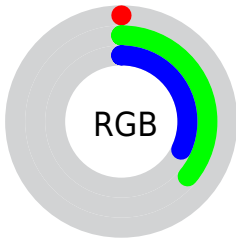
Format	Color
R_{YB}	1, 49, 92
Decimal	89169
CIE Lab	34.51, -26.39, -0.35
CIE LCh	35, 26.390, 180.762
Yxy	8.2548, 0.2348, 0.3640
Android (android.graphics.Color)	4278279249 (0xFF015C51)
YUV	63.5370, 8.6093, -54.8449
Hunter-Lab	28.7312, -17.1975, 1.3386

Details

The Hex color **015C51** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5C010C**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **448F82**, and **002D25** is the 20% darker color. If you saturate the color by 10%, you get **005C51**, and if you desaturate by 10%, it is **0A5C52**.

Distribution



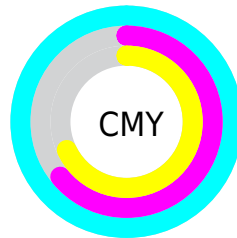
- Red (0%)
- Green (36%)
- Blue (32%)



- Red (0%)
- Yellow (19%)
- Blue (36%)



- Cyan (99%)
- Magenta (0%)
- Yellow (12%)
- Black (64%)





- Cyan (100%)
- Magenta (64%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 015C51 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 015C51 by changing the saturation by 10% instead.

 015C51

 015C51

FFFFFF

 00443A

 448F82

 002D25

 5FAA9C

 001910

 7AC5B7


 000000


 96E1D3

 B2FEEF

 CEFFFF

 EBFFFF

 015C51

 015C51

■ 005C51

■ 0A5C52

■ 135C53

■ 1D5C54

■ 265C55

■ 2F5C57

■ 385C58

■ 415C59

■ 4B5C5A

■ 545C5B

Harmonies

Analogous

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



2E5A3C



015C51



005C66

Triad

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



015C51



544B75



6E492D

Complementary

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



015C51



5C010C

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.



78423D



015C51



6C4466

Square

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



015C51



30537B



784051



5E5026

Rectangle

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



015C51



005A71



784051



734631

Sweetspot

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



015C51



547874



0D5C01



273D3B



BDBDBD



3D3D3D

Same Dimension

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



015C51



007869



013B5C



292E2D



006E60



00EDD0

Inverse Universe

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



5C010C



78000E



5C2201



2E292A



6E000D



ED001D

Previews

White Background



This preview shows how the Hex color 015C51 looks on a white background.

Color Contrast Check

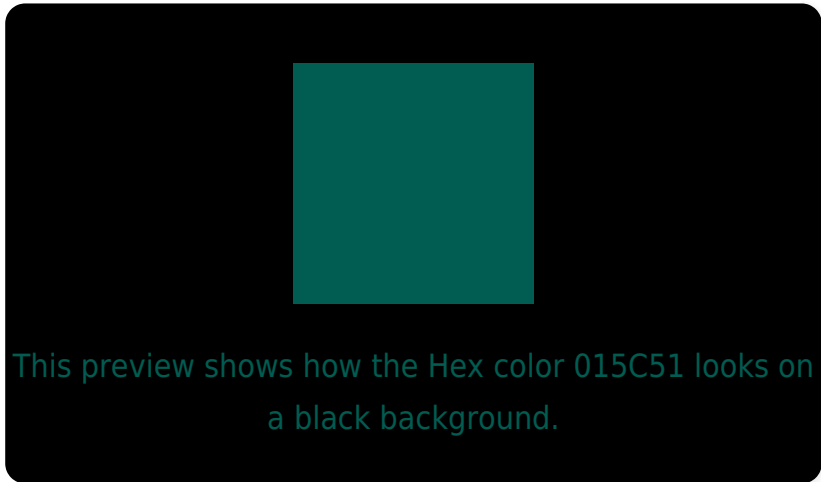
Large Text (above 18pt) WCAG AA ✓ Pass

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

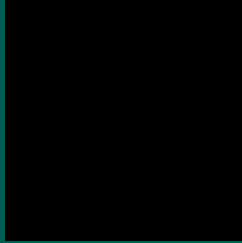
Any Text WCAG AA × Fail

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 015C51 Background



This preview shows how black text looks on a background with the Hex color 015C51.



This preview shows how white text looks on a background with the Hex color 015C51.

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
015C51

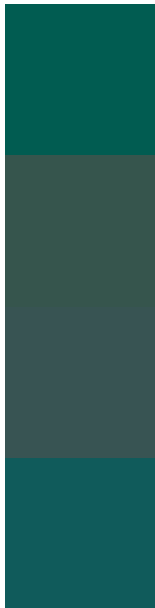
Protanopia
54514B

Deuteranopia
584F54



Tritanopia
185A61

Trichromacy



Original Color
015C51

Protanomaly
36554D

Deuteranomaly
385453

Tritanomaly
105B5B

Monochromacy



Original Color
015C51

Achromatopsia
404040

Achromatomaly
294A46

CSS Examples

Text

The CSS property to change the color of the text to Hex 015C51 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 #015C51 looks like.

```
.text, #text, p{  
    color:#015C51  
}
```

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 #015C51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #015C51
}
```

Border

The CSS property to change the border of an element to Hex 015C51 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
#015C51 }
```

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

```
.border{ border-color:#015C51 }
```

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

Here you see how a box with a 4 pixel #015C51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #015C51; -webkit-box-shadow:4px 4px  
4px 4px #015C51; box-shadow:4px 4px 4px  
4px #015C51 }
```

Background

The CSS property to change the background color of an element to Hex 015C51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#015C51 }
```

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

```
.background{ background-color:#015C51 }
```

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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