

Converting Colors

Hex(005159)

Have a look what the booklet for
Hex(005159) contains.

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Color

Hex(005159)

Conversions

Conversions Part 1

Format	Color
Hex	005159
RGB	0, 81, 89
RGB Percent	0%, 32%, 35%
CMY	1.0000, 0.6824, 0.6510
CMYK	1.00, 0.09, 0.00, 0.65
HSL	185°, 100%, 17%
HSV	185°, 100%, 35%
XYZ	4.7456, 6.6061, 10.4762
YIQ	57.6930, -50.8440, -14.6840

Conversions

Conversions Part 2

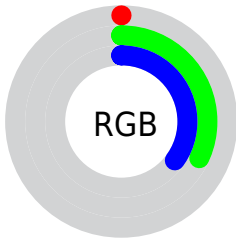
Format	Color
RYB	0, 42, 89
Decimal	20825
CIELab	30.89, -18.01, -10.80
CIELCh	31, 20.998, 210.939
Yxy	6.6061, 0.2174, 0.3026
Android (android.graphics.Color)	4278210905 (0xFF005159)
YUV	57.6930, 15.4344, -50.5968
Hunter-Lab	25.7024, -12.0215, -6.1747

Details

The Hex color **005159** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **590800**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **43838B**, and **00242C** is the 20% darker color. If you saturate the color by 10%, you get **005159**, and if you desaturate by 10%, it is **095259**.

Distribution



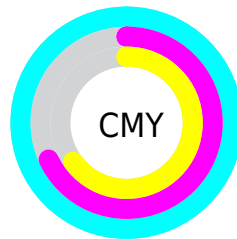
- Red (0%)
- Green (32%)
- Blue (35%)



- Red (0%)
- Yellow (16%)
- Blue (35%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (68%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005159 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 005159 by changing the saturation by 10% instead.

 005159

 005159

FFFFFF

 003A42

 43838B

 00242C

 5E9DA5

 000718

 78B8C0

 000000

 94D3DC

 B0F0F9

 CCFFFF

 E9FFFF

 005159

■ 095259

■ 125359

■ 1B5359

■ 245459

■ 2D5559

■ 355659

■ 3E5759

■ 475759

■ 505859

Harmonies

Analogous

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



175149



005159



134F65

Triad

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



005159



5E3F59



534828

Complementary

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



005159



590800

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.



60422C



005159



673C49

Square

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



005159



4B4465



683D39



424D2C

Rectangle

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



005159



284C69



683D39



584628

Sweetspot

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



005159



507073



005907



26393B



BABABA



3B3B3B

Same Dimension

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



005159



006873



002559



272B2B



00616B



00D6EB

Inverse Universe

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



590051



730068



593400



2B272B



6B0061



EB00D6

Previews

White Background



This preview shows how the Hex color 005159 looks on a white background.

Color Contrast Check

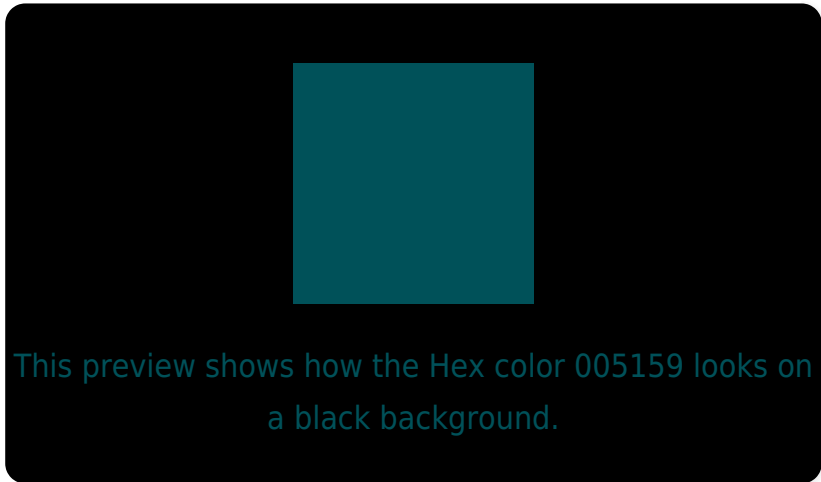
Large Text (above 18pt) WCAG AA ✓ Pass

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

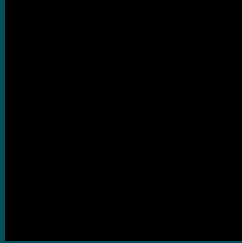
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

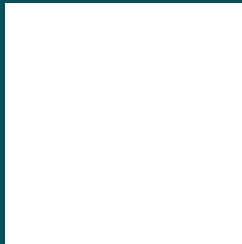
Any Text WCAG AAA × Fail

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

Hex 005159 Background



This preview shows how black text looks on a background with the Hex color 005159.



This preview shows how white text looks on a background with the Hex color 005159.

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

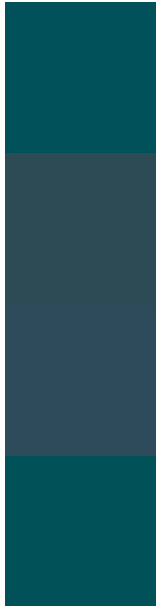


Original Color
005159

Protanopia
474853

Deuteranopia
47485B

Trichromacy



Original Color
005159

Protanomaly
2D4B55

Deuteranomaly
2D4B5A

Tritanomaly
005158

Monochromacy



Original Color
005159

Achromatopsia
3A3A3A

Achromatomaly
254245

CSS Examples

Text

The CSS property to change the color of the text to Hex 005159 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 #005159 looks like.

```
.text, #text, p{  
    color:#005159  
}
```

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 #005159 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005159
}
```

Border

The CSS property to change the border of an element to Hex 005159 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
#005159 }
```

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

```
.border{ border-color:#005159 }
```

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

Here you see how a box with a 4 pixel #005159 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005159; -webkit-box-shadow:4px 4px  
4px 4px #005159; box-shadow:4px 4px 4px  
4px #005159 }
```

Background

The CSS property to change the background color of an element to Hex 005159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005159 }
```

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

```
.background{ background-color:#005159 }
```

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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