

Converting Colors

Hex(005359)

Have a look what the booklet for
Hex(005359) contains.

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Color

Hex(005359)

Conversions

Conversions Part 1

Format	Color
Hex	005359
RGB	0, 83, 89
RGB Percent	0%, 33%, 35%
CMY	1.0000, 0.6745, 0.6510
CMYK	1.00, 0.07, 0.00, 0.65
HSL	184°, 100%, 17%
HSV	184°, 100%, 35%
XYZ	4.8964, 6.9078, 10.5265
YIQ	58.8670, -51.3940, -15.7300

Conversions

Conversions Part 2

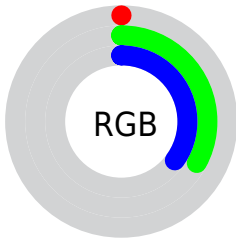
Format	Color
RYB	0, 43, 89
Decimal	21337
CIELab	31.60, -19.11, -9.73
CIELCh	32, 21.445, 206.982
Yxy	6.9078, 0.2193, 0.3093
Android (android.graphics.Color)	4278211417 (0xFF005359)
YUV	58.8670, 14.8556, -51.6264
Hunter-Lab	26.2827, -12.7403, -5.3484

Details

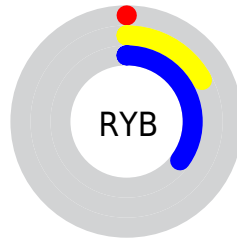
The Hex color **005359** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **590600**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **43858B**, and **00262C** is the 20% darker color. If you saturate the color by 10%, you get **005359**, and if you desaturate by 10%, it is **095459**.

Distribution



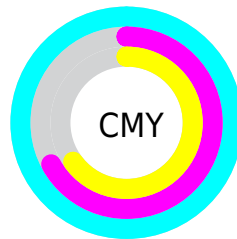
- Red (0%)
- Green (33%)
- Blue (35%)



- Red (0%)
- Yellow (17%)
- Blue (35%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (67%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005359 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 005359 by changing the saturation by 10% instead.

 005359

 005359

FFFFFF

 003C42

 43858B

 00262C

 5E9FA5

 000C18

 79BAC0

 000000

 94D6DC

 B0F2F9

 CCFFFF

 E9FFFF

 005359

■ 095459

■ 125459

■ 1B5559

■ 245559

■ 2D5659

■ 355759

■ 3E5759

■ 475859

■ 505859

Harmonies

Analogous

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



1B5348



005359



0E5166

Triad

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



005359



5E415D



574929

Complementary

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



005359



590600

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.



64432F



005359



693D4D

Square

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



005359



4A4768



6B3E3C



464E2C

Rectangle

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



005359



244E6B



6B3E3C



5C472A

Sweetspot

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



005359



507073



005906



26393B



BABABA



3B3B3B

Same Dimension

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



005359



006B73



002759



272B2B



00646B



00DBEB

Inverse Universe

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



590053



73006B



593200



2B272B



6B0064



EB00DB

Previews

White Background



This preview shows how the Hex color 005359 looks on a white background.

Color Contrast Check

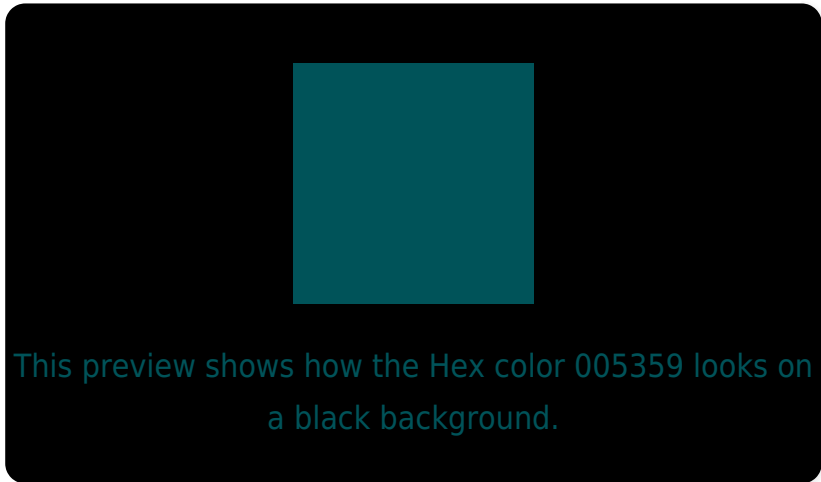
Large Text (above 18pt) WCAG AA ✓ Pass

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

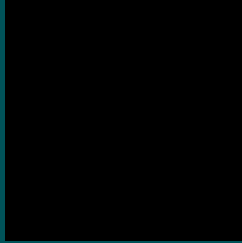
Any Text WCAG AA × Fail

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 005359 Background



This preview shows how black text looks on a background with the Hex color 005359.

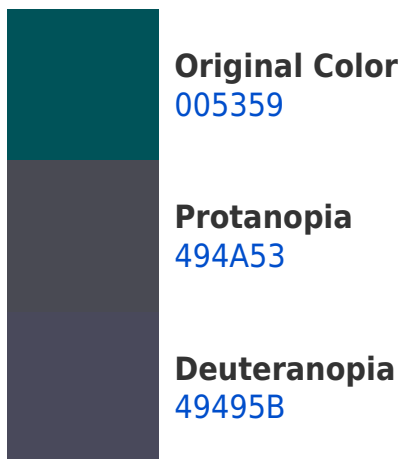



This preview shows how white text looks on a background with the Hex color 005359.

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](#).

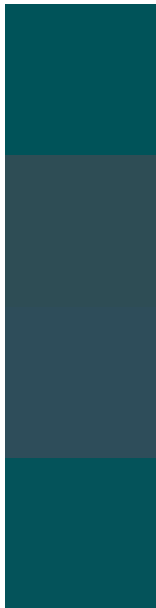
Dichromacy





Tritanopia
06535A

Trichromacy



Original Color
005359

Protanomaly
2E4D55

Deuteranomaly
2E4D5A

Tritanomaly
04535A

Monochromacy



Original Color
005359

Achromatopsia
3B3B3B

Achromatomaly
264446

CSS Examples

Text

The CSS property to change the color of the text to Hex 005359 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 #005359 looks like.

```
.text, #text, p{  
    color:#005359  
}
```

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 #005359 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005359
}
```

Border

The CSS property to change the border of an element to Hex 005359 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
#005359 }
```

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

```
.border{ border-color:#005359 }
```

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

Here you see how a box with a 4 pixel #005359 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005359; -webkit-box-shadow:4px 4px  
4px 4px #005359; box-shadow:4px 4px 4px  
4px #005359 }
```

Background

The CSS property to change the background color of an element to Hex 005359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005359 }
```

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

```
.background{ background-color:#005359 }
```

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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