

Converting Colors

Hex(005459)

Have a look what the booklet for
Hex(005459) contains.

Hex(005459)	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(005459)

Conversions

Conversions Part 1

Format	Color
Hex	005459
RGB	0, 84, 89
RGB Percent	0%, 33%, 35%
CMY	1.0000, 0.6706, 0.6510
CMYK	1.00, 0.06, 0.00, 0.65
HSL	183°, 100%, 17%
HSV	183°, 100%, 35%
XYZ	4.9735, 7.0619, 10.5521
YIQ	59.4540, -51.6690, -16.2530

Conversions

Conversions Part 2

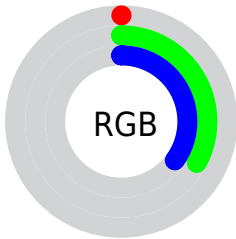
Format	Color
RYB	0, 43, 89
Decimal	21593
CIELab	31.95, -19.65, -9.20
CIELCh	32, 21.700, 205.080
Yxy	7.0619, 0.2202, 0.3126
Android (android.graphics.Color)	4278211673 (0xFF005459)
YUV	59.4540, 14.5662, -52.1412
Hunter-Lab	26.5743, -13.0979, -4.9410

Details

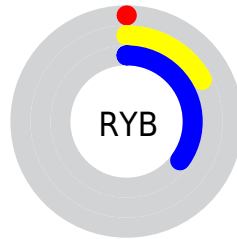
The Hex color **005459** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **590500**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **43868B**, and **00262C** is the 20% darker color. If you saturate the color by 10%, you get **005459**, and if you desaturate by 10%, it is **095459**.

Distribution



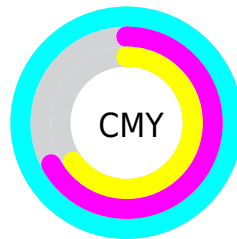
- Red (0%)
- Green (33%)
- Blue (35%)



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



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (65%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 005459 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 005459 by changing the saturation by 10% instead.

 005459

 005459

FFFFFF

 003D42

 43868B

 00262C

 5EA0A5

 000E17

 79BBC0

 000000

 95D7DC

 B0F4F9

 CDFFFF

 EAFFFF

 005459

■ 095459

■ 125559

■ 1B5559

■ 245659

■ 2D5659

■ 355759

■ 3E5759

■ 475859

■ 505959

Harmonies

Analogous

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



1C5448



005459



0B5267

Triad

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



005459



5E425F



594929

Complementary

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



005459



590500

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.



664330



005459



6A3E4F

Square

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



005459



49486A



6C3F3E



484E2C

Rectangle

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



005459



224F6C



6C3F3E



5E472A

Sweetspot

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



005459



507173



005904



26393B



BABABA



3B3B3B

Same Dimension

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



005459



006C73



002859



272B2B



00656B



00DDEB

Inverse Universe

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



590054



73006C



593100



2B272B



6B0065



EB00DD

Previews

White Background



This preview shows how the Hex color 005459 looks on a white background.

Color Contrast Check

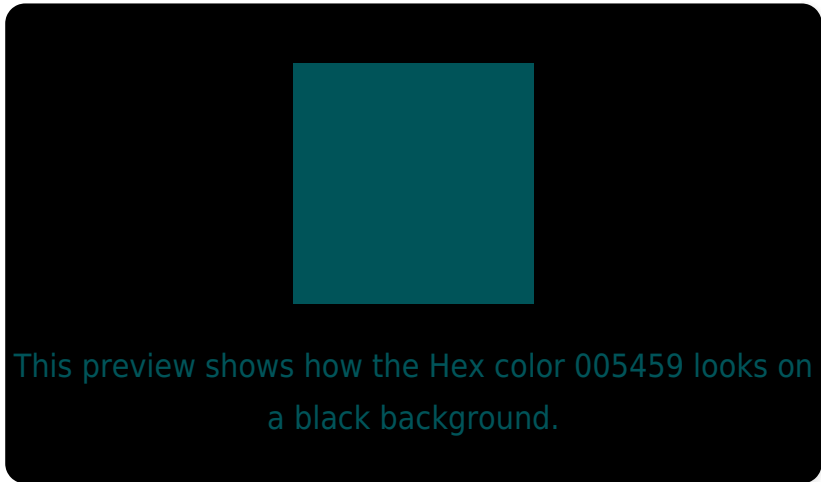
Large Text (above 18pt) WCAG AA ✓ Pass

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

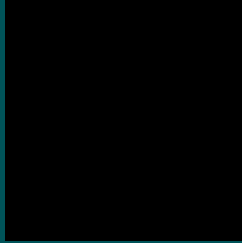
Any Text WCAG AA × Fail

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 005459 Background



This preview shows how black text looks on a background with the Hex color 005459.

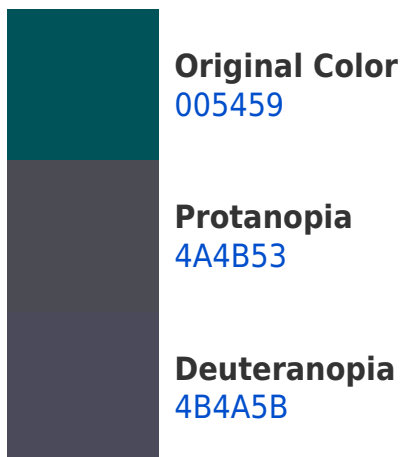


This preview shows how white text looks on a background with the Hex color 005459.

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](#).

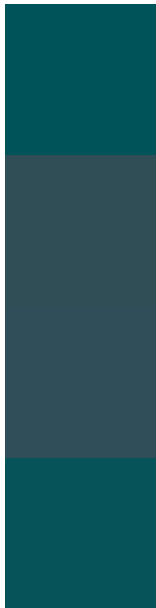
Dichromacy





Tritanopia
09545B

Trichromacy



Original Color
005459

Protanomaly
2F4E55

Deuteranomaly
304E5A

Tritanomaly
06545A

Monochromacy



Original Color
005459

Achromatopsia
3B3B3B

Achromatomaly
264446

CSS Examples

Text

The CSS property to change the color of the text to Hex 005459 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 #005459 looks like.

```
.text, #text, p{  
    color:#005459  
}
```

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 #005459 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005459
}
```

Border

The CSS property to change the border of an element to Hex 005459 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
#005459 }
```

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

```
.border{ border-color:#005459 }
```

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

Here you see how a box with a 4 pixel #005459 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005459; -webkit-box-shadow:4px 4px  
4px 4px #005459; box-shadow:4px 4px 4px  
4px #005459 }
```

Background

The CSS property to change the background color of an element to Hex 005459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005459 }
```

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

```
.background{ background-color:#005459 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor