

Converting Colors

Hex(005539)

Have a look what the booklet for
Hex(005539) contains.

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Color

Hex(005539)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 005539 |
| RGB | 0, 85, 57 |
| RGB Percent | 0%, 33%, 22% |
| CMY | 1.0000, 0.6667, 0.7765 |
| CMYK | 1.00, 0.00, 0.33, 0.67 |
| HSL | 160°, 100%, 17% |
| HSV | 160°, 100%, 33% |
| XYZ | 3.9870, 6.7924, 4.9718 |
| YIQ | 56.3930, -41.6720, -26.7280 |

Conversions

Conversions Part 2

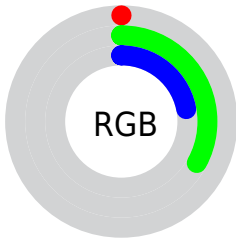
| Format | Color |
|-------------------------------------|---|
| RYB | 0, 51, 85 |
| Decimal | 21817 |
| CIELab | 31.33, -30.28, 10.12 |
| CIELCh | 31, 31.923, 161.522 |
| Yxy | 6.7924, 0.2531, 0.4312 |
| Android (android.graphics.Color) | 4278211897 (0xFF005539) |
| YUV | 56.3930, 0.2993, -49.4567 |
| Hunter-Lab | 26.0622, -18.3019, 6.9330 |

Details

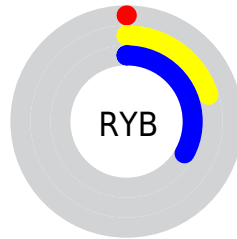
The Hex color **005539** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **55001C**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **408768**, and **00270E** is the 20% darker color. If you saturate the color by 10%, you get **005539**, and if you desaturate by 10%, it is **08553C**.

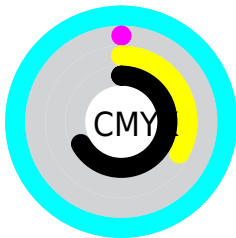
Distribution



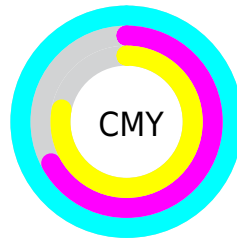
- Red (0%)
- Green (33%)
- Blue (22%)



- Red (0%)
- Yellow (20%)
- Blue (33%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (67%)



- Cyan (100%)
- Magenta (67%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005539 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 005539 by changing the saturation by 10% instead.

 005539

 005539

FFFFFF

 003D23

 408768

 00270E

 5AA281

 000900

 75BD9B

 000000

 90D9B6

 ACF6D2

 C8FFEE

 E4FFFF

 005539

■ 08553C

■ 11553F

■ 195541

■ 225544

■ 2A5547

■ 33554A

■ 3B554D

■ 44554F

■ 4C5552

Harmonies

Analogous

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



335222



005539



005653

Triad

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



005539



2E497B



73392A

Complementary

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



005539



55001C

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.



783441



005539



583F6F

Square

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



005539



005179



6F365A



644319

Rectangle

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



005539



005663



6F365A



763731

Sweetspot

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



005539



4D6E63



1C5500



243831



B8B8B8



383838

Same Dimension

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



005539



006E4A



004755



272B2A



006B48



00EB9D

Inverse Universe

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



55001C



6E0024



550E00



2B2728



6B0023



EB004D

Previews

White Background



This preview shows how the Hex color 005539 looks on a white background.

Color Contrast Check

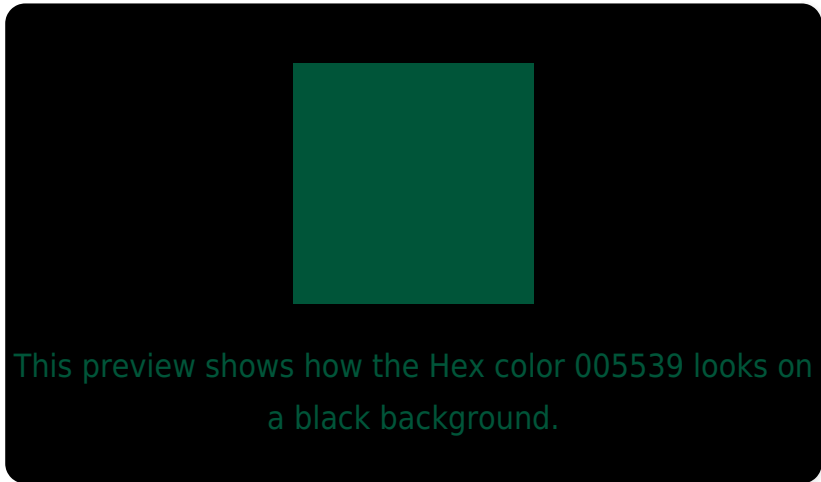
Large Text (above 18pt) WCAG AA ✓ Pass

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

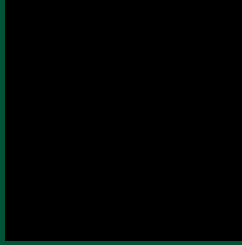
Any Text WCAG AA × Fail

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 005539 Background



This preview shows how black text looks on a background with the Hex color 005539.



This preview shows how white text looks on a background with the Hex color 005539.

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](#).

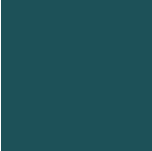
Dichromacy



Original Color
005539

Protanopia
504A34

Deuteranopia
56473C



Tritanopia
1D5158

Trichromacy



Original Color
005539

Protanomaly
334E36

Deuteranomaly
374C3B

Tritanomaly
12524D

Monochromacy



Original Color
005539

Achromatopsia
383838

Achromatomaly
244338

CSS Examples

Text

The CSS property to change the color of the text to Hex 005539 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 #005539 looks like.

```
.text, #text, p{  
    color:#005539  
}
```

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 #005539 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005539
}
```

Border

The CSS property to change the border of an element to Hex 005539 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
#005539 }
```

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

```
.border{ border-color:#005539 }
```

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

Here you see how a box with a 4 pixel #005539 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005539; -webkit-box-shadow:4px 4px  
4px 4px #005539; box-shadow:4px 4px 4px  
4px #005539 }
```

Background

The CSS property to change the background color of an element to Hex 005539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005539 }
```

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

```
.background{ background-color:#005539 }
```

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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