

Converting Colors

Hex(005E39)

Have a look what the booklet for
Hex(005E39) contains.

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Color

Hex(005E39)

Conversions

Conversions Part 1

Format	Color
Hex	005E39
RGB	0, 94, 57
RGB Percent	0%, 37%, 22%
CMY	1.0000, 0.6314, 0.7765
CMYK	1.00, 0.00, 0.39, 0.63
HSL	156°, 100%, 18%
HSV	156°, 100%, 37%
XYZ	4.7412, 8.3008, 5.2232
YIQ	61.6760, -44.1470, -31.4350

Conversions

Conversions Part 2

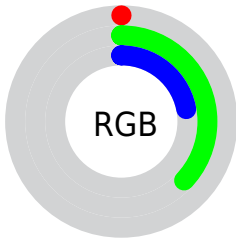
Format	Color
RYB	0, 59, 94
Decimal	24121
CIELab	34.60, -34.05, 14.57
CIELCh	35, 37.041, 156.830
Yxy	8.3008, 0.2596, 0.4545
Android (android.graphics.Color)	4278214201 (0xFF005E39)
YUV	61.6760, -2.3053, -54.0899
Hunter-Lab	28.8111, -21.0451, 9.4190

Details

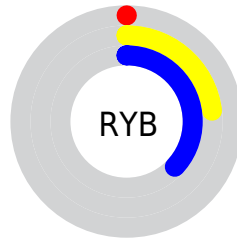
The Hex color **005E39** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5E0025**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **439168**, and **002F0E** is the 20% darker color. If you saturate the color by 10%, you get **005E39**, and if you desaturate by 10%, it is **095E3D**.

Distribution



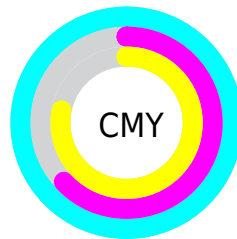
- Red (0%)
- Green (37%)
- Blue (22%)



- Red (0%)
- Yellow (23%)
- Blue (37%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (63%)



- Cyan (100%)
- Magenta (63%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005E39 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 005E39 by changing the saturation by 10% instead.

 005E39

 005E39

FFFFFF

 004623

 439168

 002F0E

 5EAC82

 001900

 79C89C

 000000

 94E4B7

 B0FFD2

 CCFEF

 E9FFF

 005E39

 095E3D

 135E40

 1C5E44

 265E48

 2F5E4C

 385E4F

 425E53

 4B5E57

 555E5A

Harmonies

Analogous

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



3C5A1F



005E39



006057

Triad

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



005E39



20528C



833C30

Complementary

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



005E39



5E0025

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.



87364C



005E39



5C4781

Square

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



005E39



005B87



7A3B69



73471A

Rectangle

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



005E39



005F6B



7A3B69



863939

Sweetspot

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



005E39



567A6C



265E00



273D35



BDBDBD



3D3D3D

Same Dimension

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



005E39



007A4A



00555E



292E2C



006E42



00ED90

Inverse Universe

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



5E0025



7A0030



5E0900



2E292B



6E002B



ED005D

Previews

White Background



This preview shows how the Hex color 005E39 looks on a white background.

Color Contrast Check

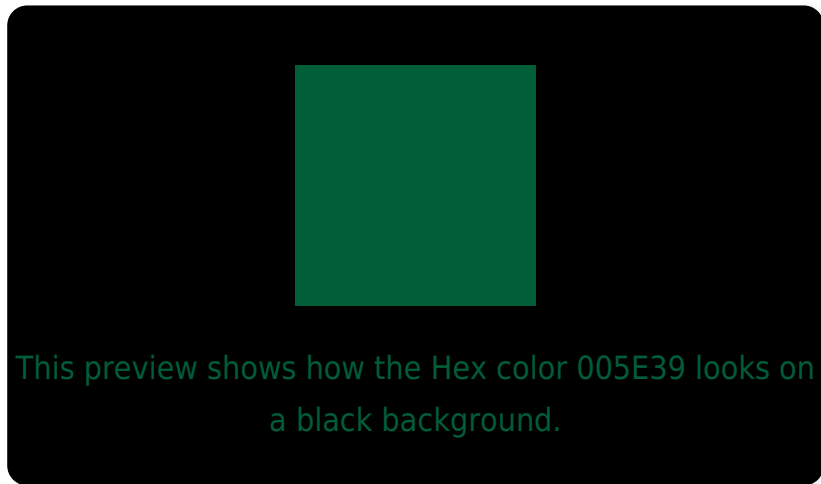
Large Text (above 18pt) WCAG AA ✓ Pass

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 005E39 Background



This preview shows how black text looks on a background with the Hex color 005E39.



This preview shows how white text looks on a background with the Hex color 005E39.

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
005E39

Protanopia
595134

Deuteranopia
604E3D



Tritanopia
225961

Trichromacy



Original Color
005E39



Protanomaly
395636



Deuteranomaly
3D543C



Tritanomaly
165B52

Monochromacy



Original Color
005E39



Achromatopsia
3E3E3E



Achromatomaly
274A3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 005E39 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 #005E39 looks like.

```
.text, #text, p{  
    color:#005E39  
}
```

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 #005E39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005E39
}
```

Border

The CSS property to change the border of an element to Hex 005E39 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
#005E39 }
```

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

```
.border{ border-color:#005E39 }
```

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

Here you see how a box with a 4 pixel #005E39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005E39; -webkit-box-shadow:4px 4px  
4px 4px #005E39; box-shadow:4px 4px 4px  
4px #005E39 }
```

Background

The CSS property to change the background color of an element to Hex 005E39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005E39 }
```

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

```
.background{ background-color:#005E39 }
```

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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