

Converting Colors

Hex(005C39)

Have a look what the booklet for
Hex(005C39) contains.

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Color

Hex(005C39)

Conversions

Conversions Part 1

Format	Color
Hex	005C39
RGB	0, 92, 57
RGB Percent	0%, 36%, 22%
CMY	1.0000, 0.6392, 0.7765
CMYK	1.00, 0.00, 0.38, 0.64
HSL	157°, 100%, 18%
HSV	157°, 100%, 36%
XYZ	4.5657, 7.9497, 5.1647
YIQ	60.5020, -43.5970, -30.3890

Conversions

Conversions Part 2

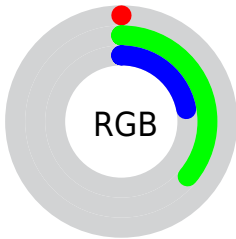
Format	Color
RYB	0, 57, 92
Decimal	23609
CIELab	33.88, -33.23, 13.60
CIELCh	34, 35.908, 157.746
Yxy	7.9497, 0.2582, 0.4496
Android (android.graphics.Color)	4278213689 (0xFF005C39)
YUV	60.5020, -1.7265, -53.0603
Hunter-Lab	28.1952, -20.4370, 8.8761

Details

The Hex color **005C39** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5C0023**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **428F68**, and **002D0E** is the 20% darker color. If you saturate the color by 10%, you get **005C39**, and if you desaturate by 10%, it is **095C3D**.

Distribution



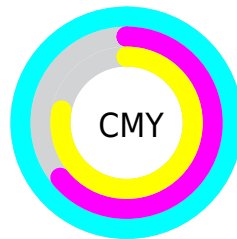
- Red (0%)
- Green (36%)
- Blue (22%)



- Red (0%)
- Yellow (22%)
- Blue (36%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005C39 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 005C39 by changing the saturation by 10% instead.

 005C39

 005C39

FFFFFF

 004423

 428F68

 002D0E

 5DAA81

 001600

 78C59C

 000000

 93E2B6

 AFFF D2

 CBFF E E

 E8FF FF

 005C39

■ 095C3D

■ 125C40

■ 1C5C44

■ 255C47

■ 2E5C4B

■ 375C4E

■ 405C52

■ 4A5C55

■ 535C59

Harmonies

Analogous

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



3A5820



005C39



005E56

Triad

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



005C39



245088



803B2E

Complementary

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



005C39



5C0023

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.



843549



005C39



5B457D

Square

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



005C39



005884



783A66



704619

Rectangle

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



005C39



005D69



783A66



833937

Sweetspot

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



005C39



54786A



235C00



273D35



BDBDBD



3D3D3D

Same Dimension

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



005C39



00784A



00515C



292E2C



006E44



00ED93

Inverse Universe

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



5C0023



78002E



5C0B00



2E292B



6E002A



ED005A

Previews

White Background



This preview shows how the Hex color 005C39 looks on a white background.

Color Contrast Check

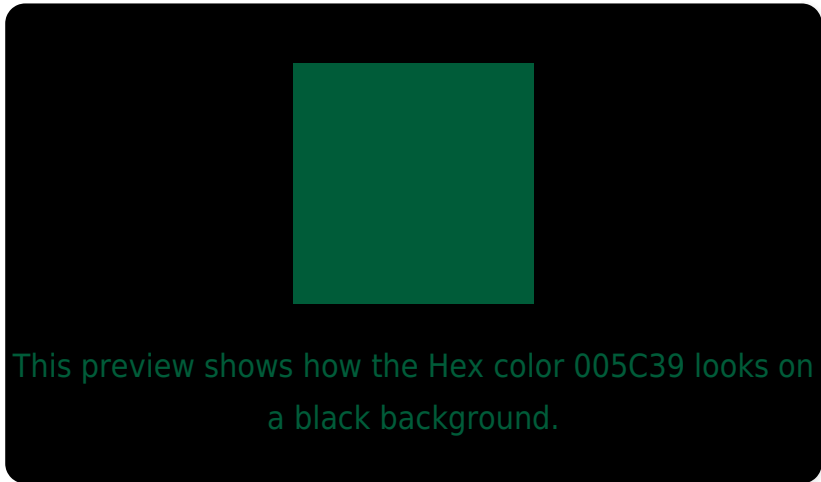
Large Text (above 18pt) WCAG AA ✓ Pass

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

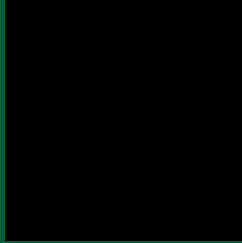
Any Text WCAG AA × Fail

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 005C39 Background



This preview shows how black text looks on a background with the Hex color 005C39.



This preview shows how white text looks on a background with the Hex color 005C39.

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
005C39

Protanopia
575034

Deuteranopia
5E4D3D



Tritanopia
21575F

Trichromacy



Original Color
005C39



Protanomaly
375436



Deuteranomaly
3C523C



Tritanomaly
155951

Monochromacy



Original Color
005C39



Achromatopsia
3D3D3D



Achromatomaly
27483C

CSS Examples

Text

The CSS property to change the color of the text to Hex 005C39 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 #005C39 looks like.

```
.text, #text, p{  
    color:#005C39  
}
```

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 #005C39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005C39
}
```

Border

The CSS property to change the border of an element to Hex 005C39 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
#005C39 }
```

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

```
.border{ border-color:#005C39 }
```

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

Here you see how a box with a 4 pixel #005C39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005C39; -webkit-box-shadow:4px 4px  
4px 4px #005C39; box-shadow:4px 4px 4px  
4px #005C39 }
```

Background

The CSS property to change the background color of an element to Hex 005C39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005C39 }
```

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

```
.background{ background-color:#005C39 }
```

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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