

Converting Colors

Hex(005C47)

Have a look what the booklet for
Hex(005C47) contains.

Hex(005C47)	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(005C47)

Conversions

Conversions Part 1

Format	Color
Hex	005C47
RGB	0, 92, 71
RGB Percent	0%, 36%, 28%
CMY	1.0000, 0.6392, 0.7216
CMYK	1.00, 0.00, 0.23, 0.64
HSL	166°, 100%, 18%
HSV	166°, 100%, 36%
XYZ	4.9645, 8.1092, 7.2648
YIQ	62.0980, -48.0910, -26.0350

Conversions

Conversions Part 2

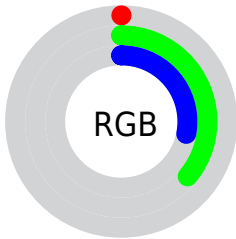
Format	Color
RYB	0, 52, 92
Decimal	23623
CIELab	34.21, -29.52, 5.45
CIELCh	34, 30.016, 169.539
Yxy	8.1092, 0.2441, 0.3987
Android (android.graphics.Color)	4278213703 (0xFF005C47)
YUV	62.0980, 4.3887, -54.4599
Hunter-Lab	28.4767, -18.7155, 4.8080

Details

The Hex color **005C47** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5C0015**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **438F77**, and **002D1C** is the 20% darker color. If you saturate the color by 10%, you get **005C47**, and if you desaturate by 10%, it is **095C49**.

Distribution



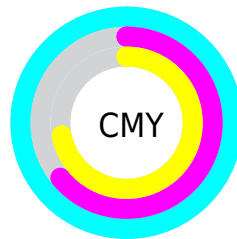
- Red (0%)
- Green (36%)
- Blue (28%)



- Red (0%)
- Yellow (20%)
- Blue (36%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005C47 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 005C47 by changing the saturation by 10% instead.

 005C47

 005C47

FFFFFF

 004431

 438F77

 002D1C

 5EAA91

 001701

 79C5AC

 000000

 94E1C7

 B0FEE3

 CCFFFF

 E9FFFF

 005C47

■ 095C49

■ 125C4B

■ 1C5C4D

■ 255C4F

■ 2E5C52

■ 375C54

■ 405C56

■ 4A5C58

■ 535C5A

Harmonies

Analogous

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



335930



005C47



005C60

Triad

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



005C47



454D7D



76432D

Complementary

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



005C47



5C0015

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.



7D3D42



005C47



664470

Square

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



005C47



02557F



783D5A



664C20

Rectangle

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



005C47



005B6E



783D5A



7A4133

Sweetspot

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



005C47



547870



155C00



273D38



BDBDBD



3D3D3D

Same Dimension

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



005C47



00785C



00435C



292E2D



006E55



00EDB7

Inverse Universe

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



5C0015



78001B



5C1900



2E292A



6E0019



ED0036

Previews

White Background



This preview shows how the Hex color 005C47 looks on a white background.

Color Contrast Check

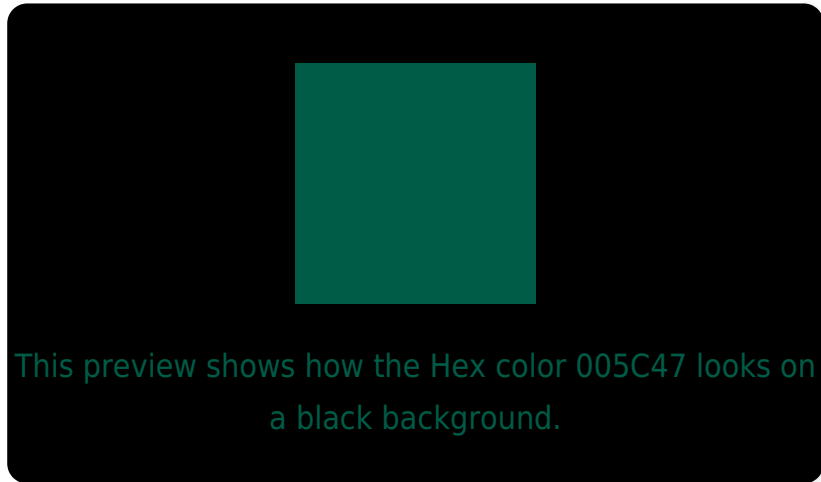
Large Text (above 18pt) WCAG AA ✓ Pass

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

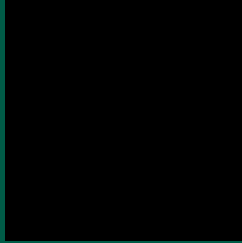
Any Text WCAG AA × Fail

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 005C47 Background



This preview shows how black text looks on a background with the Hex color 005C47.

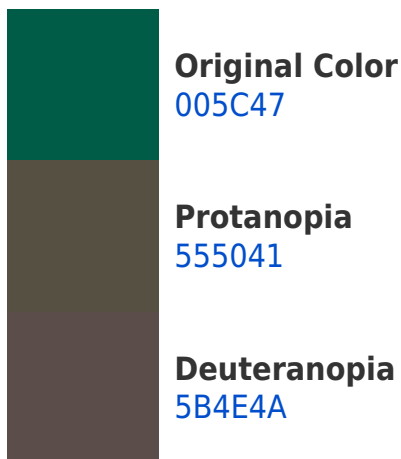


This preview shows how white text looks on a background with the Hex color 005C47.

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](#).

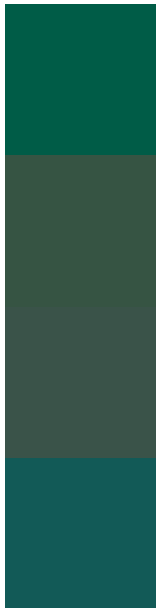
Dichromacy





Tritanopia
1D5960

Trichromacy



Original Color
005C47

Protanomaly
365443

Deuteranomaly
3A5349

Tritanomaly
125A57

Monochromacy



Original Color
005C47

Achromatopsia
3E3E3E

Achromatomaly
274941

CSS Examples

Text

The CSS property to change the color of the text to Hex 005C47 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 #005C47 looks like.

```
.text, #text, p{  
    color:#005C47  
}
```

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 #005C47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005C47
}
```

Border

The CSS property to change the border of an element to Hex 005C47 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
#005C47 }
```

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

```
.border{ border-color:#005C47 }
```

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

Here you see how a box with a 4 pixel #005C47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005C47; -webkit-box-shadow:4px 4px  
4px 4px #005C47; box-shadow:4px 4px 4px  
4px #005C47 }
```

Background

The CSS property to change the background color of an element to Hex 005C47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005C47 }
```

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

```
.background{ background-color:#005C47 }
```

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