

Converting Colors

Hex(005843)

Have a look what the booklet for
Hex(005843) contains.

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Color

Hex(005843)

Conversions

Conversions Part 1

Format	Color
Hex	005843
RGB	0, 88, 67
RGB Percent	0%, 35%, 26%
CMY	1.0000, 0.6549, 0.7373
CMYK	1.00, 0.00, 0.24, 0.65
HSL	166°, 100%, 17%
HSV	166°, 100%, 35%
XYZ	4.5028, 7.3847, 6.4983
YIQ	59.2940, -45.7070, -25.1870

Conversions

Conversions Part 2

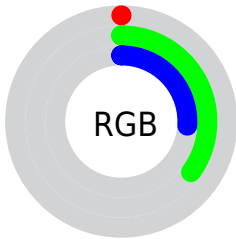
Format	Color
RYB	0, 50, 88
Decimal	22595
CIELab	32.67, -28.85, 5.75
CIELCh	33, 29.420, 168.728
Yxy	7.3847, 0.2449, 0.4017
Android (android.graphics.Color)	4278212675 (0xFF005843)
YUV	59.2940, 3.7991, -52.0008
Hunter-Lab	27.1748, -17.9786, 4.8445

Details

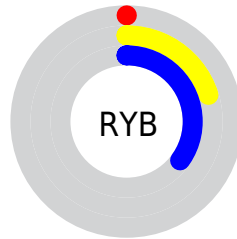
The Hex color **005843** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **580015**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **428B73**, and **002A18** is the 20% darker color. If you saturate the color by 10%, you get **005843**, and if you desaturate by 10%, it is **095845**.

Distribution



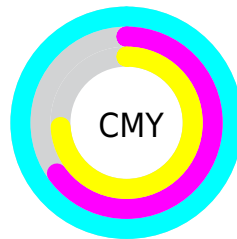
- Red (0%)
- Green (35%)
- Blue (26%)



- Red (0%)
- Yellow (20%)
- Blue (35%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (65%)



- Cyan (100%)
- Magenta (65%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005843 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 005843 by changing the saturation by 10% instead.

 005843

 005843

FFFFFF

 00402D

 428B73

 002A18

 5CA58C

 001100

 77C1A7

 000000

 92DDC2

 AEF9DE

 CAFFFB

 E7FFFF

 005843

■ 095845

■ 125847

■ 1A5849

■ 23584B

■ 2C584E

■ 355850

■ 3E5852

■ 465854

■ 4F5856

Harmonies

Analogous

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



31552D



005843



00595B

Triad

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



005843



404A79



72402B

Complementary

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



005843



580015

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.



783A3F



005843



61416C

Square

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



005843



00527A



733A57



62481E

Rectangle

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



005843



005869



733A57



753D31

Sweetspot

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



005843



50736B



165800



263B36



BABABA



3B3B3B

Same Dimension

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



005843



007357



004258



272B2A



006B52



00EBB3

Inverse Universe

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



580015



73001B



581600



2B2728



6B001A



EB0038

Previews

White Background



This preview shows how the Hex color 005843 looks on a white background.

Color Contrast Check

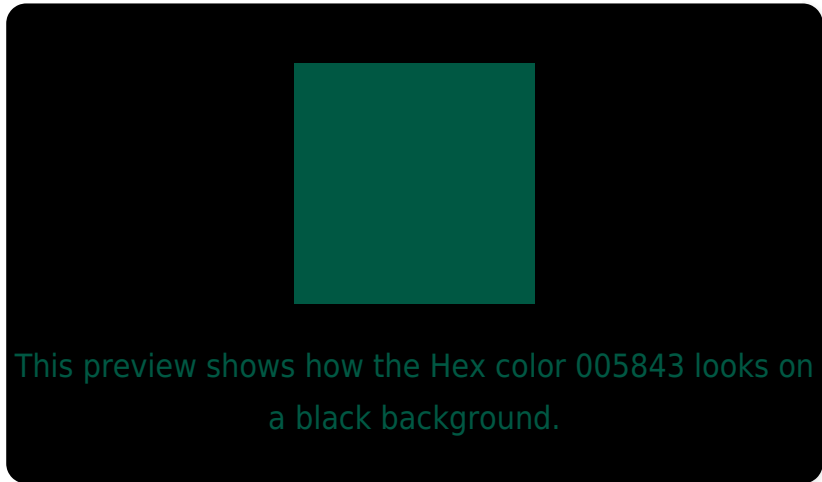
Large Text (above 18pt) WCAG AA ✓ Pass

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 005843 Background



This preview shows how black text looks on a background with the Hex color 005843.



This preview shows how white text looks on a background with the Hex color 005843.

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
005843

Protanopia
524D3E

Deuteranopia
574A46



Tritanopia
1C555C

Trichromacy



Original Color
005843

Protanomaly
345140

Deuteranomaly
374F45

Tritanomaly
125653

Monochromacy



Original Color
005843

Achromatopsia
3B3B3B

Achromatomaly
26463E

CSS Examples

Text

The CSS property to change the color of the text to Hex 005843 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 #005843 looks like.

```
.text, #text, p{  
    color:#005843  
}
```

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 #005843 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005843
}
```

Border

The CSS property to change the border of an element to Hex 005843 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
#005843 }
```

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

```
.border{ border-color:#005843 }
```

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

Here you see how a box with a 4 pixel #005843 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005843; -webkit-box-shadow:4px 4px  
4px 4px #005843; box-shadow:4px 4px 4px  
4px #005843 }
```

Background

The CSS property to change the background color of an element to Hex 005843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005843 }
```

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

```
.background{ background-color:#005843 }
```

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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