

Converting Colors

Hex(005B43)

Have a look what the booklet for
Hex(005B43) contains.

Hex(005B43)	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(005B43)

Conversions

Conversions Part 1

Format	Color
Hex	005B43
RGB	0, 91, 67
RGB Percent	0%, 36%, 26%
CMY	1.0000, 0.6431, 0.7373
CMYK	1.00, 0.00, 0.26, 0.64
HSL	164°, 100%, 18%
HSV	164°, 100%, 36%
XYZ	4.7542, 7.8874, 6.5820
YIQ	61.0550, -46.5320, -26.7560

Conversions

Conversions Part 2

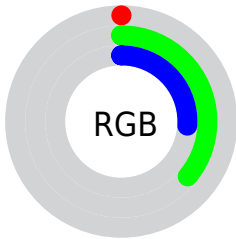
Format	Color
RYB	0, 52, 91
Decimal	23363
CIELab	33.75, -30.20, 7.28
CIELCh	34, 31.067, 166.451
Yxy	7.8874, 0.2473, 0.4103
Android (android.graphics.Color)	4278213443 (0xFF005B43)
YUV	61.0550, 2.9309, -53.5452
Hunter-Lab	28.0845, -18.9311, 5.7637

Details

The Hex color **005B43** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5B0018**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **438E73**, and **002C18** is the 20% darker color. If you saturate the color by 10%, you get **005B43**, and if you desaturate by 10%, it is **095B45**.

Distribution



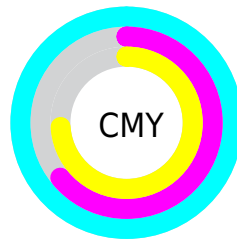
- Red (0%)
- Green (36%)
- Blue (26%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005B43 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 005B43 by changing the saturation by 10% instead.

 005B43

 005B43

FFFFFF

 00432D

 438E73

 002C18

 5DA98D

 001600

 78C4A7

 000000

 93E0C2

 AFFDDE

 CBFFFB

 E8FFFF

 005B43

 095B45

 125B48

 1B5B4A

 245B4D

 2E5B4F

 375B51

 405B54

 495B56

 525B59

Harmonies

Analogous

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



34582C



005B43



005C5D

Triad

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



005B43



3E4D7F



77412D

Complementary

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



005B43



5B0018

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.



7D3B43



005B43



624371

Square

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



005B43



00557F



773C5C



674A1E

Rectangle

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



005B43



005B6C



773C5C



7A3E33

Sweetspot

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



005B43



52756C



185B00



263B35



BABABA



3B3B3B

Same Dimension

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



005B43



007556



00465B



292E2D



006E51



00EDAF

Inverse Universe

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



5B0018



75001F



5B1500



2E292B



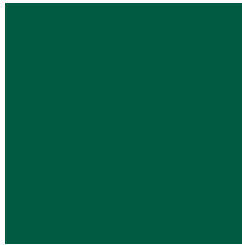
6E001D



ED003F

Previews

White Background



This preview shows how the Hex color 005B43 looks on a white background.

Color Contrast Check

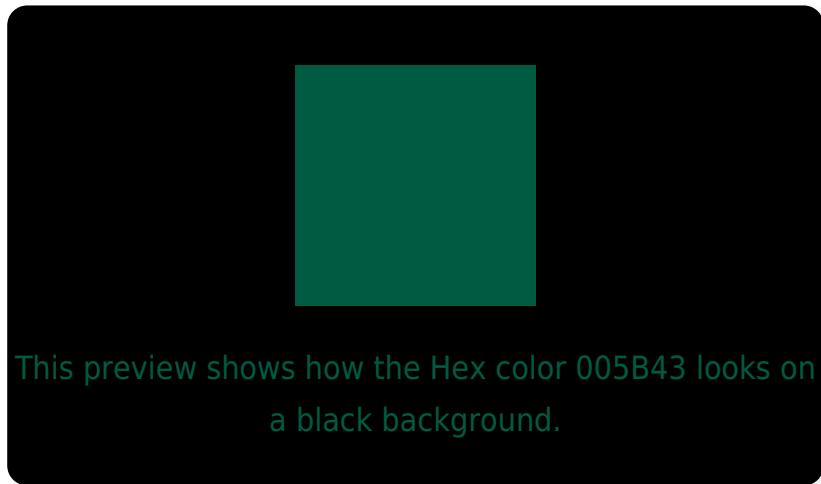
Large Text (above 18pt) WCAG AA ✓ Pass

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

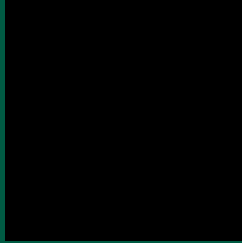
Any Text WCAG AA × Fail

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 005B43 Background



This preview shows how black text looks on a background with the Hex color 005B43.

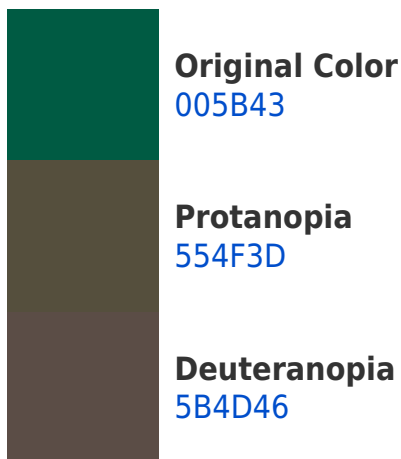



This preview shows how white text looks on a background with the Hex color 005B43.

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
1E575F

Trichromacy



Original Color
005B43

Protanomaly
36533F

Deuteranomaly
3A5245

Tritanomaly
135855

Monochromacy



Original Color
005B43

Achromatopsia
3D3D3D

Achromatomaly
27483F

CSS Examples

Text

The CSS property to change the color of the text to Hex 005B43 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 #005B43 looks like.

```
.text, #text, p{  
    color:#005B43  
}
```

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 #005B43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005B43
}
```

Border

The CSS property to change the border of an element to Hex 005B43 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
#005B43 }
```

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

```
.border{ border-color:#005B43 }
```

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

Here you see how a box with a 4 pixel #005B43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005B43; -webkit-box-shadow:4px 4px  
4px 4px #005B43; box-shadow:4px 4px 4px  
4px #005B43 }
```

Background

The CSS property to change the background color of an element to Hex 005B43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005B43 }
```

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

```
.background{ background-color:#005B43 }
```

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