

# Converting Colors

Hex(00543B)

Have a look what the booklet for  
Hex(00543B) contains.

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# Color

**Hex(00543B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00543B
RGB	0, 84, 59
RGB Percent	0%, 33%, 23%
CMY	1.0000, 0.6706, 0.7686
CMYK	1.00, 0.00, 0.30, 0.67
HSL	162°, 100%, 16%
HSV	162°, 100%, 33%
XYZ	3.9597, 6.6564, 5.2138
YIQ	56.0340, -42.0390, -25.5830

# Conversions

## Conversions Part 2

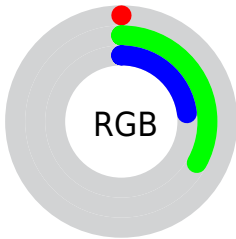
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 49, 84
Decimal	21563
CIELab	31.01, -29.30, 8.43
CIELCh	31, 30.492, 163.954
Yxy	6.6564, 0.2501, 0.4205
Android (android.graphics.Color)	4278211643 (0xFF00543B)
YUV	56.0340, 1.4622, -49.1418
Hunter-Lab	25.8000, -17.7542, 6.0784

# Details

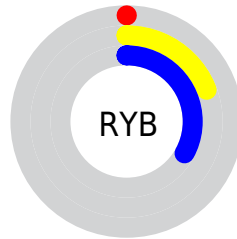
The Hex color **00543B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **540019**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **40866A**, and **002611** is the 20% darker color. If you saturate the color by 10%, you get **00543B**, and if you desaturate by 10%, it is **08543D**.

# Distribution



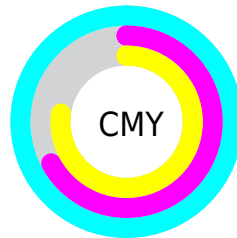
- Red (0%)
- Green (33%)
- Blue (23%)



- Red (0%)
- Yellow (19%)
- Blue (33%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (67%)



- Cyan (100%)
- Magenta (67%)
- Yellow (77%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00543B 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 00543B by changing the saturation by 10% instead.



 00543B

 00543B

FFFFFF

 003C25

 40866A

 002611

 5AA183

 000700

 75BC9E

 000000

 90D8B8

 ABF5D4

 C7FFF0

 E4FFFF

 00543B

■ 08543D

■ 115440

■ 195442

■ 225445

■ 2A5448

■ 32544A

■ 3B544D

■ 43544F

■ 4C5451

# Harmonies

## Analogous

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



315125



00543B



005554

# Triad

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



00543B



344877



703A29

# Complementary

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



00543B



540019

# 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.



75343F



00543B



593E6B

# Square

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



00543B



004F77



6E3657



61431A

# Rectangle

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



00543B



005463



6E3657



733830



# Sweetspot

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



00543B



4D6E64



195400



243832



B8B8B8



383838



# Same Dimension

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



00543B



006E4D



004354



252928



006949



00E8A3



# Inverse Universe

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



540019



6E0021



541100



292526



69001F



E80045



# Previews

## White Background



This preview shows how the Hex color 00543B looks on a white background.

## Color Contrast Check

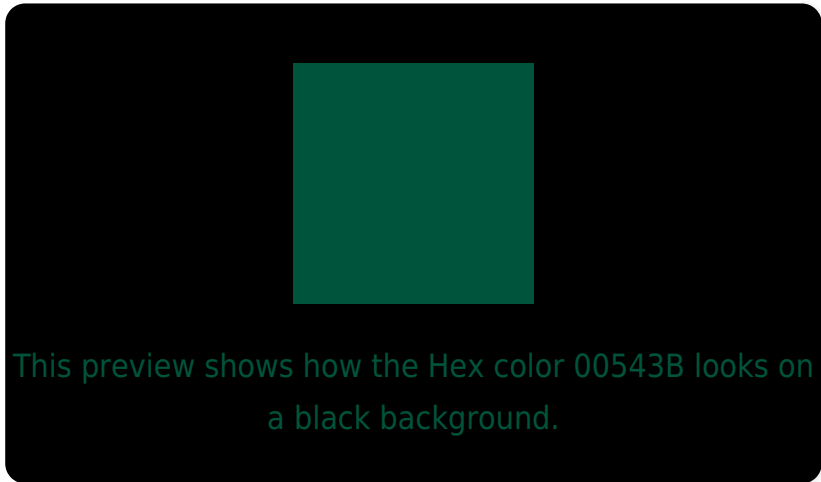
Large Text (above 18pt) WCAG AA ✓ Pass

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 00543B Background



This preview shows how black text looks on a background with the Hex color 00543B.

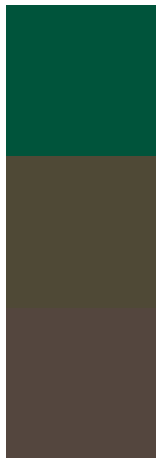


This preview shows how white text looks on a background with the Hex color 00543B.

# 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**  
00543B

**Protanopia**  
4F4936

**Deuteranopia**  
54463E



# Trichromacy



**Original Color**  
00543B

**Protanomaly**  
324D38

**Deuteranomaly**  
354B3D

**Tritanomaly**  
12514D

# Monochromacy



**Original Color**  
00543B

**Achromatopsia**  
383838

**Achromatomaly**  
244239

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00543B 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 #00543B looks like.

```
.text, #text, p{  
    color:#00543B  
}
```

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 #00543B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00543B
}
```

## Border

The CSS property to change the border of an element to Hex 00543B 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
#00543B }
```

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

```
.border{ border-color:#00543B }
```

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

Here you see how a box with a 4 pixel #00543B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00543B; -webkit-box-shadow:4px 4px  
4px 4px #00543B; box-shadow:4px 4px 4px  
4px #00543B }
```

# Background

The CSS property to change the background color of an element to Hex 00543B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00543B }
```

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

```
.background{ background-color:#00543B }
```

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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