

# Converting Colors

Hex(00503B)

Have a look what the booklet for  
Hex(00503B) contains.

<b>Hex(00503B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	21
<b><i>Color Blindness Simulation</i></b> .....	24
<b><i>CSS Examples</i></b> .....	27

**Color**

**Hex(00503B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00503B
RGB	0, 80, 59
RGB Percent	0%, 31%, 23%
CMY	1.0000, 0.6863, 0.7686
CMYK	1.00, 0.00, 0.26, 0.69
HSL	164°, 100%, 16%
HSV	164°, 100%, 31%
XYZ	3.6581, 6.0531, 5.1132
YIQ	53.6860, -40.9390, -23.4910

# Conversions

## Conversions Part 2

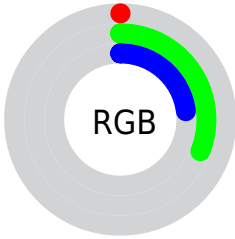
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 46, 80
Decimal	20539
CIELab	29.55, -27.51, 6.37
CIELCh	30, 28.233, 166.958
Yxy	6.0531, 0.2468, 0.4083
Android (android.graphics.Color)	4278210619 (0xFF00503B)
YUV	53.6860, 2.6198, -47.0826
Hunter-Lab	24.6030, -16.5152, 4.8999

# Details

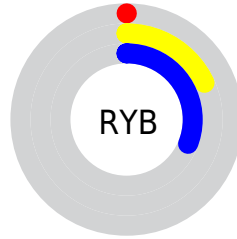
The Hex color **00503B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **500015**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **3F826A**, and **002311** is the 20% darker color. If you saturate the color by 10%, you get **00503B**, and if you desaturate by 10%, it is **08503D**.

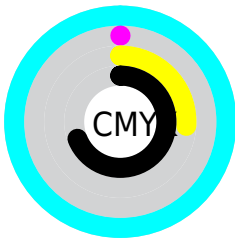
# Distribution



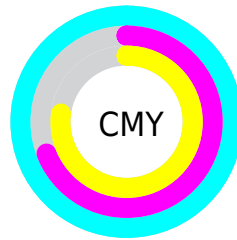
- Red (0%)
- Green (31%)
- Blue (23%)



- Red (0%)
- Yellow (18%)
- Blue (31%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (69%)



- Cyan (100%)
- Magenta (69%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00503B 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 00503B by changing the saturation by 10% instead.



 00503B

 00503B

FFFFFF

 003925

 3F826A

 002311

 599C83

 000000

 73B79D

 8ED3B8

 A9F0D4

 C5FFF0

 E2FFFF

 00503B

■ 08503D

■ 10503F

■ 185041

■ 205043

■ 285046

■ 305048

■ 38504A

■ 40504C

■ 48504E

# Harmonies

## Analogous

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



2D4D27



00503B



005152

# Triad

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



00503B



37446F



693926

# Complementary

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



00503B



500015

# 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.



6F333A



00503B



573B64

# Square

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



00503B



004B70



693450



5A411A

# Rectangle

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



00503B



00505F



693450



6C372C



# Sweetspot

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



00503B



496960



155000



223630



B5B5B5



363636



# Same Dimension

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



00503B



00694D



003D50



252928



00E8AB

# Inverse Universe

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



500015



69001B



501300



292526



E8003D

# Previews

## White Background



This preview shows how the Hex color 00503B looks on a white background.

## Color Contrast Check

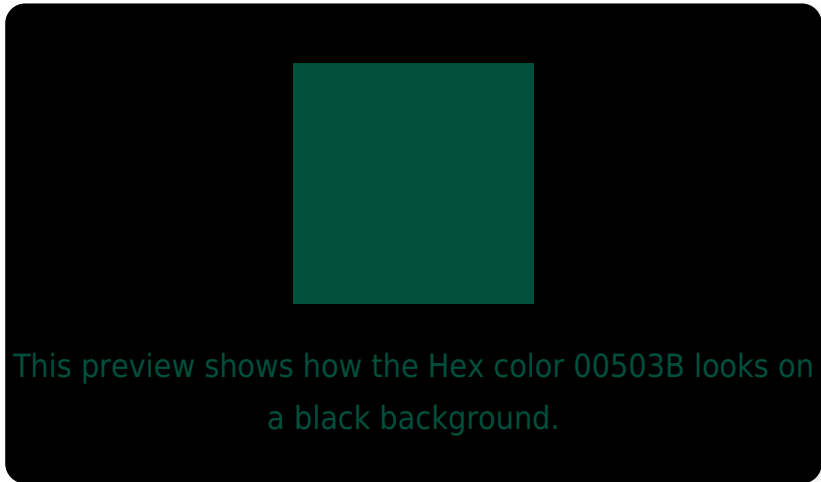
Large Text (above 18pt) WCAG AA ✓ Pass

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

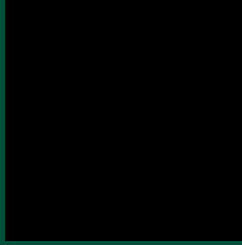
Any Text WCAG AA × Fail

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 00503B Background



This preview shows how black text looks on a background with the Hex color 00503B.



This preview shows how white text looks on a background with the Hex color 00503B.

# 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

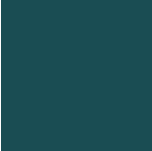


**Original Color**  
00503B

**Protanopia**  
4B4636

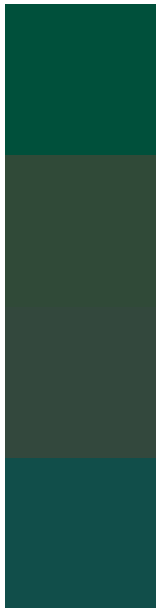
**Deuteranopia**  
50433E





**Tritanopia**  
1A4D53

# Trichromacy



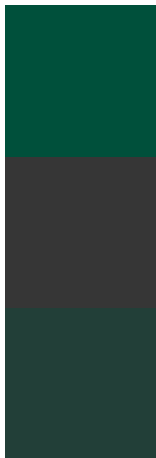
**Original Color**  
00503B

**Protanomaly**  
304A38

**Deuteranomaly**  
33483D

**Tritanomaly**  
114E4A

# Monochromacy



**Original Color**  
00503B

**Achromatopsia**  
363636

**Achromatomaly**  
223F38

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00503B 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 #00503B looks like.

```
.text, #text, p{  
    color:#00503B  
}
```

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 #00503B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00503B
}
```

## Border

The CSS property to change the border of an element to Hex 00503B 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
#00503B }
```

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

```
.border{ border-color:#00503B }
```

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

Here you see how a box with a 4 pixel #00503B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00503B; -webkit-box-shadow:4px 4px  
4px 4px #00503B; box-shadow:4px 4px 4px  
4px #00503B }
```

# Background

The CSS property to change the background color of an element to Hex 00503B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00503B }
```

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

```
.background{ background-color:#00503B }
```

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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