

# Converting Colors

Hex(00534D)

Have a look what the booklet for  
Hex(00534D) contains.

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# Color

**Hex(00534D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00534D
RGB	0, 83, 77
RGB Percent	0%, 33%, 30%
CMY	1.0000, 0.6745, 0.6980
CMYK	1.00, 0.00, 0.07, 0.67
HSL	176°, 100%, 16%
HSV	176°, 100%, 33%
XYZ	4.4328, 6.7223, 8.0851
YIQ	57.4990, -47.5420, -19.4620

# Conversions

## Conversions Part 2

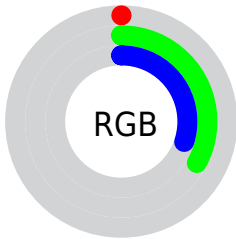
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 43, 83
Decimal	21325
CIELab	31.17, -23.33, -2.74
CIELCh	31, 23.486, 186.704
Yxy	6.7223, 0.2304, 0.3494
Android (android.graphics.Color)	4278211405 (0xFF00534D)
YUV	57.4990, 9.6140, -50.4266
Hunter-Lab	25.9275, -14.8550, -0.3395

# Details

The Hex color **00534D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **530006**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **41857E**, and **002521** is the 20% darker color. If you saturate the color by 10%, you get **00534D**, and if you desaturate by 10%, it is **08534E**.

# Distribution



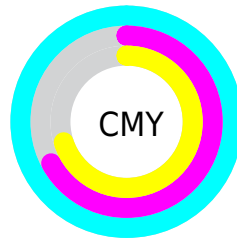
- Red (0%)
- Green (33%)
- Blue (30%)



- Red (0%)
- Yellow (17%)
- Blue (33%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (67%)



- Cyan (100%)
- Magenta (67%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00534D 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 00534D by changing the saturation by 10% instead.



00534D

00534D

FFFFFF

003C36

41857E

002521

5C9F98

00080B

77BAB2

000000

92D6CE

ADF3EA

CAFFFF

E6FFFF

00534D

■ 08534E

■ 11534E

■ 19534F

■ 21534F

■ 295350

■ 325351

■ 3A5351

■ 425352

■ 4B5352

# Harmonies

## Analogous

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



26523A



00534D



00525F

# Triad

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



00534D



514367



614328

# Complementary

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



00534D



530006

# 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.



6B3D34



00534D



643D58

# Square

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



00534D



344A6E



6C3B46



514A24

# Rectangle

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



00534D



005068



6C3B46



65412B



# Sweetspot

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



00534D



4B6B69



075300



223634



B5B5B5



363636



# Same Dimension

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



00534D



006B63



003053



252929



006961



00E8D7



# Inverse Universe

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



530006



6B0008



532300



292525



690008



E80011



# Previews

## White Background



This preview shows how the Hex color 00534D looks on a white background.

## Color Contrast Check

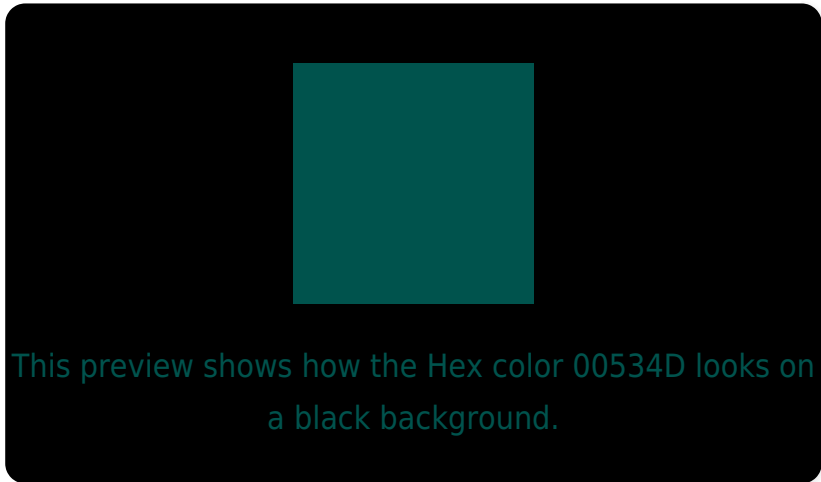
Large Text (above 18pt) WCAG AA ✓ Pass

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

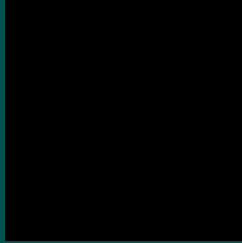
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00534D Background



This preview shows how black text looks on a background with the Hex color 00534D.



This preview shows how white text looks on a background with the Hex color 00534D.

# 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**  
00534D

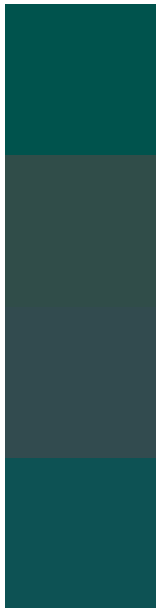
**Protanopia**  
4B4947

**Deuteranopia**  
4E4750



**Tritanopia**  
145158

# Trichromacy



**Original Color**  
00534D

**Protanomaly**  
304D49

**Deuteranomaly**  
324B4F

**Tritanomaly**  
0D5254

# Monochromacy



**Original Color**  
00534D

**Achromatopsia**  
393939

**Achromatomaly**  
244240

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00534D 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 #00534D looks like.

```
.text, #text, p{  
    color:#00534D  
}
```

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 #00534D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00534D
}
```

## Border

The CSS property to change the border of an element to Hex 00534D 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
#00534D }
```

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

```
.border{ border-color:#00534D }
```

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

Here you see how a box with a 4 pixel #00534D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00534D; -webkit-box-shadow:4px 4px  
4px 4px #00534D; box-shadow:4px 4px 4px  
4px #00534D }
```

# Background

The CSS property to change the background color of an element to Hex 00534D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00534D }
```

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

```
.background{ background-color:#00534D }
```

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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