

Converting Colors

Hex(00523D)

Have a look what the booklet for
Hex(00523D) contains.

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Color

Hex(00523D)

Conversions

Conversions Part 1

Format	Color
Hex	00523D
RGB	0, 82, 61
RGB Percent	0%, 32%, 24%
CMY	1.0000, 0.6784, 0.7608
CMYK	1.00, 0.00, 0.26, 0.68
HSL	165°, 100%, 16%
HSV	165°, 100%, 32%
XYZ	3.8596, 6.3715, 5.4413
YIQ	55.0880, -42.1310, -23.9150

Conversions

Conversions Part 2

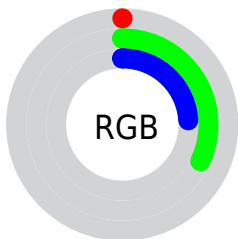
Format	Color
RYB	0, 47, 82
Decimal	21053
CIELab	30.33, -27.84, 6.21
CIELCh	30, 28.529, 167.421
Yxy	6.3715, 0.2463, 0.4065
Android (android.graphics.Color)	4278211133 (0xFF00523D)
YUV	55.0880, 2.9146, -48.3122
Hunter-Lab	25.2418, -16.8797, 4.8884

Details

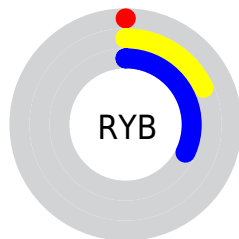
The Hex color **00523D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **520015**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **3F846C**, and **002513** is the 20% darker color. If you saturate the color by 10%, you get **00523D**, and if you desaturate by 10%, it is **08523F**.

Distribution



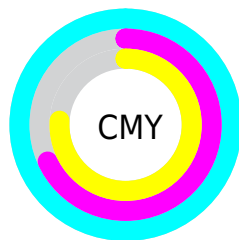
- Red (0%)
- Green (32%)
- Blue (24%)



- Red (0%)
- Yellow (18%)
- Blue (32%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (68%)



- Cyan (100%)
- Magenta (68%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00523D 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 00523D by changing the saturation by 10% instead.

 00523D

 00523D

FFFFFF

 003A27

 3F846C

 002513

 5A9F86

 000200

 74BAA0

 000000

 8FD6BB

 ABF2D6

 C7FFF3

 E3FFFF

 00523D

■ 08523F

■ 105241

■ 195243

■ 215245

■ 295248

■ 31524A

■ 39524C

■ 42524E

■ 4A5250

Harmonies

Analogous

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



2E4F28



00523D



005354

Triad

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



00523D



394572



6B3B28

Complementary

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



00523D



520015

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.



71353B



00523D



593C66

Square

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



00523D



004C73



6C3652



5C431B

Rectangle

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



00523D



005262



6C3652



6E382E

Sweetspot

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



00523D



4B6B63



165200



223631



B5B5B5



363636

Same Dimension

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



00523D



006B50



003F52



252928



00694E



00E8AD

Inverse Universe

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



520015



6B001B



521300



292526



69001B



E8003B

Previews

White Background



This preview shows how the Hex color 00523D looks on a white background.

Color Contrast Check

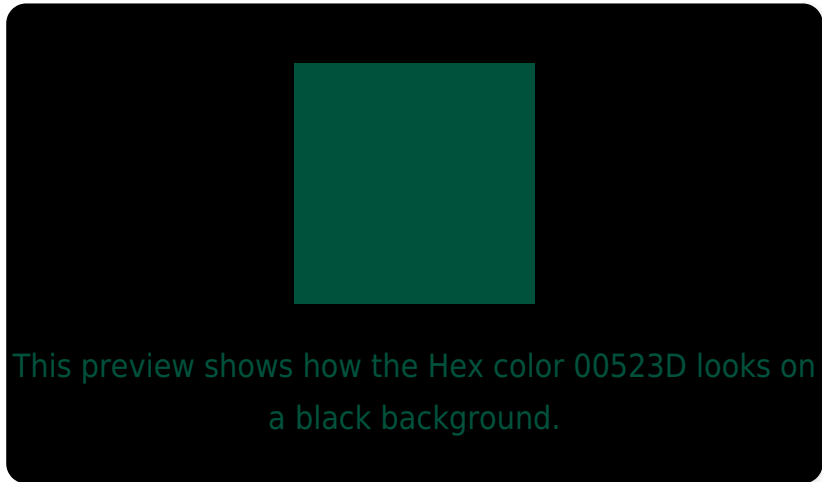
Large Text (above 18pt) WCAG AA ✓ Pass

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

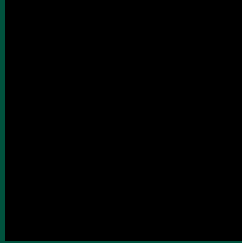
Any Text WCAG AA × Fail

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 00523D Background



This preview shows how black text looks on a background with the Hex color 00523D.



This preview shows how white text looks on a background with the Hex color 00523D.

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
00523D

Protanopia
4C4838

Deuteranopia
514540



Tritanopia
1A4F55

Trichromacy



Original Color
00523D

Protanomaly
304C3A

Deuteranomaly
344A3F

Tritanomaly
11504C

Monochromacy



Original Color
00523D

Achromatopsia
373737

Achromatomaly
234139

CSS Examples

Text

The CSS property to change the color of the text to Hex 00523D 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 #00523D looks like.

```
.text, #text, p{  
    color:#00523D  
}
```

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 #00523D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00523D
}
```

Border

The CSS property to change the border of an element to Hex 00523D 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
#00523D }
```

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

```
.border{ border-color:#00523D }
```

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

Here you see how a box with a 4 pixel #00523D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00523D; -webkit-box-shadow:4px 4px  
4px 4px #00523D; box-shadow:4px 4px 4px  
4px #00523D }
```

Background

The CSS property to change the background color of an element to Hex 00523D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00523D }
```

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

```
.background{ background-color:#00523D }
```

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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