

Converting Colors

Hex(04503D)

Have a look what the booklet for
Hex(04503D) contains.

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Color

Hex(04503D)

Conversions

Conversions Part 1

Format	Color
Hex	04503D
RGB	4, 80, 61
RGB Percent	2%, 31%, 24%
CMY	0.9843, 0.6863, 0.7608
CMYK	0.95, 0.00, 0.24, 0.69
HSL	165°, 90%, 16%
HSV	165°, 95%, 31%
XYZ	3.7610, 6.1001, 5.3941
YIQ	55.1100, -39.1970, -22.0210

Conversions

Conversions Part 2

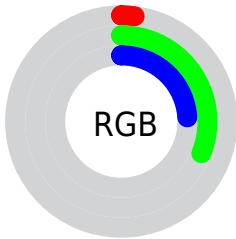
Format	Color
R_YB	4, 47, 80
Decimal	282685
CIE Lab	29.66, -26.44, 5.28
CIE LCh	30, 26.964, 168.716
Yxy	6.1001, 0.2465, 0.3999
Android (android.graphics.Color)	4278472765 (0xFF04503D)
YUV	55.1100, 2.9038, -44.8235
Hunter-Lab	24.6983, -16.0402, 4.3399

Details

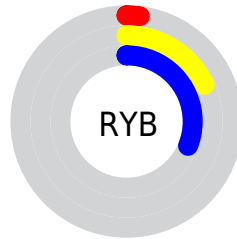
The Hex color **04503D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **500417**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **41826C**, and **002313** is the 20% darker color. If you saturate the color by 10%, you get **00503C**, and if you desaturate by 10%, it is **0C503F**.

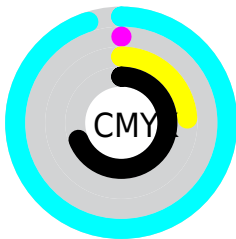
Distribution



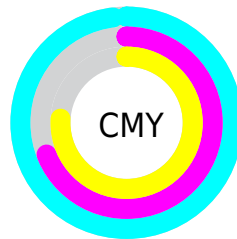
- Red (2%)
- Green (31%)
- Blue (24%)



- Red (2%)
- Yellow (18%)
- Blue (31%)



- Cyan (95%)
- Magenta (0%)
- Yellow (24%)
- Black (69%)



- Cyan (98%)
- Magenta (69%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04503D 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 04503D by changing the saturation by 10% instead.

■ 04503D

■ 04503D

FFFFFF

■ 003927

■ 41826C

■ 002313

■ 5B9C86

■ 000000

■ 75B7A0

■ 90D3BB

■ ABF0D6

■ C7FFF3

■ E4FFFF

■ 04503D

■ 04503D

■ 00503C

■ 0C503F

■ 145041

■ 1C5043

■ 245045

■ 2C5047

■ 345049

■ 3C504B

■ 44504D

■ 4C504F

Harmonies

Analogous

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



2D4D29



04503D



005053

Triad

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



04503D



3B436D



673A27

Complementary

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



04503D



500417

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.



6D353A



04503D



583B62

Square

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



04503D



024A6F



69354F



59421C

Rectangle

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



04503D



00505F



69354F



6A382D

Sweetspot

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



04503D



4A6961



175004



233631



B5B5B5



363636

Same Dimension

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



04503D



00694E



043D50



252928



00E8AE

Inverse Universe

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



500417



69001A



501704



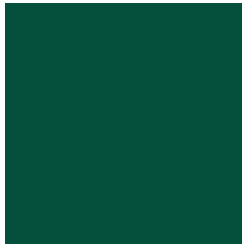
292526



E8003A

Previews

White Background



This preview shows how the Hex color 04503D 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

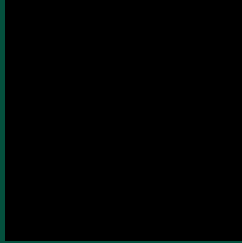
Any Text WCAG AA × Fail

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 04503D Background



This preview shows how black text looks on a background with the Hex color 04503D.



This preview shows how white text looks on a background with the Hex color 04503D.

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
04503D

Protanopia
4A4638

Deuteranopia
4F4440



Tritanopia
194D53

Trichromacy



Original Color
04503D

Protanomaly
314A3A

Deuteranomaly
34483F

Tritanomaly
114E4B

Monochromacy



Original Color
04503D

Achromatopsia
373737

Achromatomaly
244039

CSS Examples

Text

The CSS property to change the color of the text to Hex 04503D 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 #04503D looks like.

```
.text, #text, p{  
    color:#04503D  
}
```

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 #04503D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04503D
}
```

Border

The CSS property to change the border of an element to Hex 04503D 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
#04503D }
```

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

```
.border{ border-color:#04503D }
```

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

Here you see how a box with a 4 pixel #04503D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04503D; -webkit-box-shadow:4px 4px  
4px 4px #04503D; box-shadow:4px 4px 4px  
4px #04503D }
```

Background

The CSS property to change the background color of an element to Hex 04503D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04503D }
```

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

```
.background{ background-color:#04503D }
```

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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