

Converting Colors

Hex(503745)

Have a look what the booklet for
Hex(503745) contains.

Hex(503745)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(503745)

Conversions

Conversions Part 1

Format	Color
Hex	503745
RGB	80, 55, 69
RGB Percent	31%, 22%, 27%
CMY	0.6863, 0.7843, 0.7294
CMYK	0.00, 0.31, 0.14, 0.69
HSL	326°, 19%, 26%
HSV	326°, 31%, 31%
XYZ	5.7486, 4.8675, 6.2668
YIQ	64.0710, 10.4060, 9.6540

Conversions

Conversions Part 2

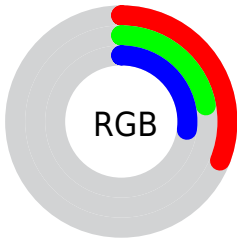
Format	Color
R_{YB}	80, 55, 69
Decimal	5257029
CIE _{Lab}	26.35, 13.71, -4.19
CIE _{LCh}	26, 14.334, 342.982
Yxy	4.8675, 0.3405, 0.2883
Android (android.graphics.Color)	4283447109 (0xFF503745)
YUV	64.0710, 2.4300, 13.9697
Hunter-Lab	22.0625, 7.9010, -1.3974

Details

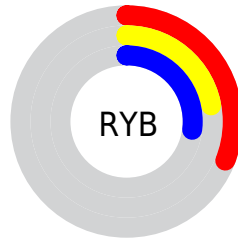
The Hex color **503745** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **375042**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **826675**, and **230C1A** is the 20% darker color. If you saturate the color by 10%, you get **502F41**, and if you desaturate by 10%, it is **503F49**.

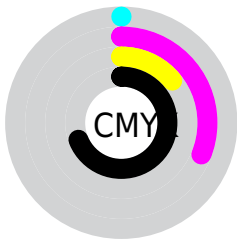
Distribution



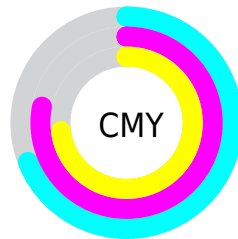
- Red (31%)
- Green (22%)
- Blue (27%)



- Red (31%)
- Yellow (22%)
- Blue (27%)



- Cyan (0%)
- Magenta (31%)
- Yellow (14%)
- Black (69%)



- Cyan (69%)
- Magenta (78%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 503745 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 503745 by changing the saturation by 10% instead.

■ 503745

■ 503745

FFFFFF

■ 39212F

■ 826675

■ 230C1A

■ 9C7F8F

■ 000000

■ B799A9

■ D3B4C4

■ EFD0E0

■ FFECFD

■ 503745

■ 503745

■ 502F41

■ 503F49

■ 50273E

■ 50474C

■ 501F3A

■ 504F50

■ 501737

■ 505753

■ 500F33

■ 505F57

■ 500730

■ 50675A

■ 50002D

■ 506F5E

■ 507761

■ 507F65

Harmonies

Analogous

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



463A4E



503745



54363A

Triad

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



503745



413F29



1D444D

Complementary

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



503745



375042

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.



1E4443



503745



35422E

Square

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



503745



4C3C2A



284438



274153

Rectangle

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



503745



543733



284438



1C444A

Sweetspot

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



503745



695F64



423750



363033



B5B5B5



363636

Same Dimension

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



503745



694157



503739



292527



69003B



E80082

Inverse Universe

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



503745



694157



37504E



292527



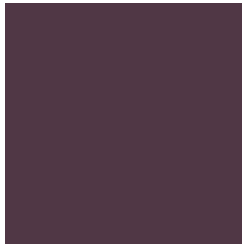
69003B



E80082

Previews

White Background



This preview shows how the Hex color 503745 looks on a white background.

Color Contrast Check

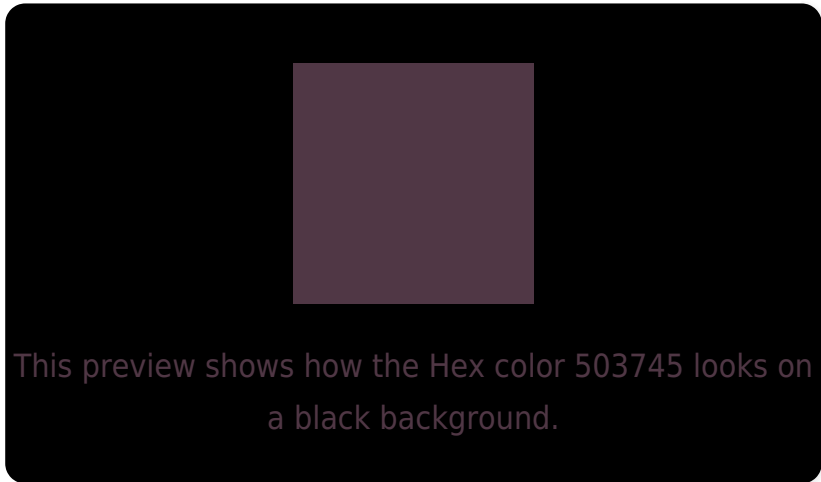
Large Text (above 18pt) WCAG AA ✓ Pass

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

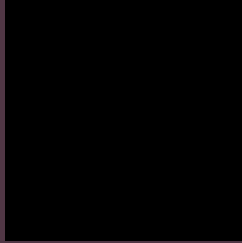
Any Text WCAG AA × Fail

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 503745 Background



This preview shows how black text looks on a background with the Hex color 503745.

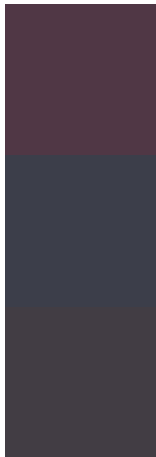


This preview shows how white text looks on a background with the Hex color 503745.

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](#).

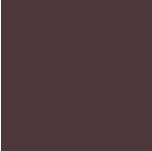
Dichromacy



Original Color
503745

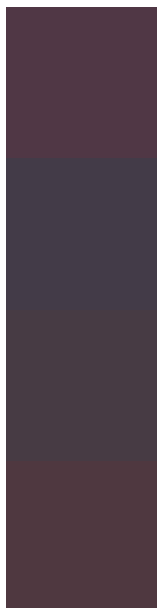
Protanopia
3C3E4A

Deuteranopia
423D44



Tritanopia
4F383D

Trichromacy



Original Color

503745

Protanomaly

433B48

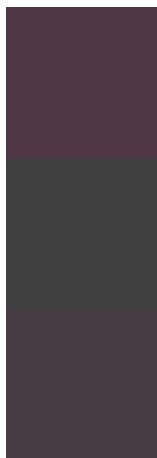
Deuteranomaly

473B44

Tritanomaly

4F3840

Monochromacy



Original Color

503745

Achromatopsia

404040

Achromatomaly

463D42

CSS Examples

Text

The CSS property to change the color of the text to Hex 503745 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 #503745 looks like.

```
.text, #text, p{  
    color:#503745  
}
```

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 #503745 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #503745
}
```

Border

The CSS property to change the border of an element to Hex 503745 is called "border". The border property can be set on classes, ids or directly on the HTML element.

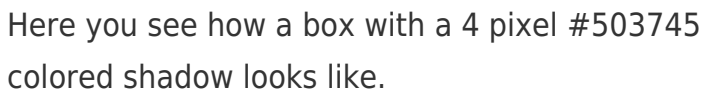
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#503745 }
```

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

```
.border{ border-color:#503745 }
```

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



Here you see how a box with a 4 pixel #503745 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #503745; -webkit-box-shadow:4px 4px  
4px 4px #503745; box-shadow:4px 4px 4px  
4px #503745 }
```

Background

The CSS property to change the background color of an element to Hex 503745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#503745 }
```

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

```
.background{ background-color:#503745 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor