

Converting Colors

Hex(503452)

Have a look what the booklet for
Hex(503452) contains.

Hex(503452)	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(503452)

Conversions

Conversions Part 1

Format	Color
Hex	503452
RGB	80, 52, 82
RGB Percent	31%, 20%, 32%
CMY	0.6863, 0.7961, 0.6784
CMYK	0.02, 0.37, 0.00, 0.68
HSL	296°, 22%, 26%
HSV	296°, 37%, 32%
XYZ	6.0592, 4.7707, 8.5841
YIQ	63.7920, 7.0580, 15.2660

Conversions

Conversions Part 2

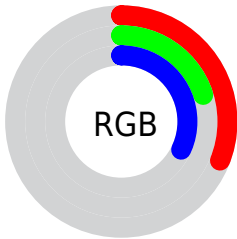
Format	Color
R_{YB}	80, 52, 82
Decimal	5256274
CIE Lab	26.07, 18.40, -13.22
CIE LCh	26, 22.656, 324.298
Yxy	4.7707, 0.3121, 0.2457
Android (android.graphics.Color)	4283446354 (0xFF503452)
YUV	63.7920, 8.9765, 14.2144
Hunter-Lab	21.8418, 11.2954, -8.0124

Details

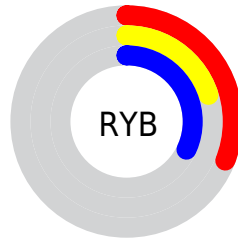
The Hex color **503452** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **365234**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **826383**, and **230925** is the 20% darker color. If you saturate the color by 10%, you get **4F2C52**, and if you desaturate by 10%, it is **513C52**.

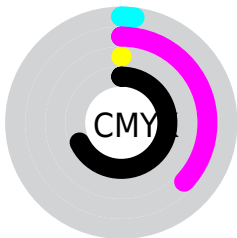
Distribution



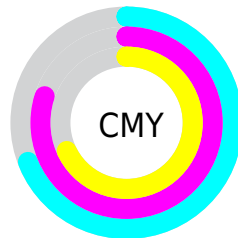
- Red (31%)
- Green (20%)
- Blue (32%)



- Red (31%)
- Yellow (20%)
- Blue (32%)



- Cyan (2%)
- Magenta (37%)
- Yellow (0%)
- Black (68%)



- Cyan (69%)
- Magenta (80%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 503452 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 503452 by changing the saturation by 10% instead.

■ 503452

■ 503452

FFFFFF

■ 391E3B

■ 826383

■ 230925

■ 9C7C9E

■ 00000F

■ B796B9

■ 000000

■ D3B1D4

■ EFCCF1

■ FFE9FF

■ 503452

■ 503452

■ 4F2C52

■ 513C52

■ 4F2452

■ 514452

■ 4E1B52

■ 524D52

■ 4E1352

■ 525552

■ 4D0B52

■ 535D52

■ 4D0352

■ 536552

■ 4D0052

■ 546D52

■ 547652

■ 557E52

Harmonies

Analogous

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



3A3A5D



503452



5C3042

Triad

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



503452



4B3C1B



00464B

Complementary

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



503452



365234

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.



06463A



503452



3A411D

Square

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



503452



583522



264529



004559

Rectangle

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



503452



5F3036



264529



004746

Sweetspot

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



503452



6A5F6B



343652



352F36



B5B5B5



363636

Same Dimension

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



503452



683C6B



523445



292529



620069



D900E8

Inverse Universe

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



523436



6B3C3F



345241



292525



690007



E8000F

Previews

White Background



This preview shows how the Hex color 503452 looks on a white background.

Color Contrast Check

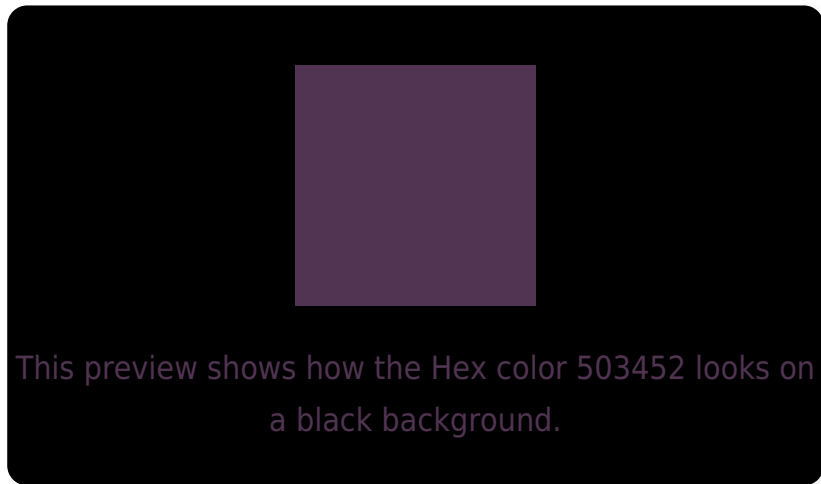
Large Text (above 18pt) WCAG AA ✓ Pass

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

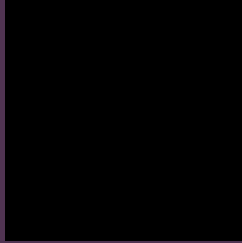
Any Text WCAG AA × Fail

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 503452 Background



This preview shows how black text looks on a background with the Hex color 503452.



This preview shows how white text looks on a background with the Hex color 503452.

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](#).

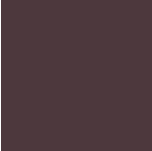
Dichromacy



Original Color
503452

Protanopia
353D59

Deuteranopia
3A3D50



Tritanopia
4D383D

Trichromacy



Original Color
503452

Protanomaly
3F3A56

Deuteranomaly
423A51

Tritanomaly
4E3745

Monochromacy



Original Color
503452

Achromatopsia
404040

Achromatomaly
463C47

CSS Examples

Text

The CSS property to change the color of the text to Hex 503452 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 #503452 looks like.

```
.text, #text, p{  
    color:#503452  
}
```

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 #503452 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #503452
}
```

Border

The CSS property to change the border of an element to Hex 503452 is called "border". The border property can be set on classes, ids or directly on the HTML element.

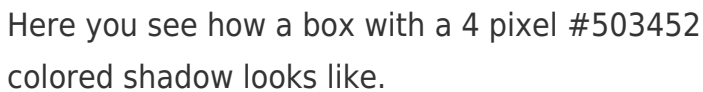
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#503452 }
```

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

```
.border{ border-color:#503452 }
```

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



Here you see how a box with a 4 pixel #503452 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #503452; -webkit-box-shadow:4px 4px  
4px 4px #503452; box-shadow:4px 4px 4px  
4px #503452 }
```

Background

The CSS property to change the background color of an element to Hex 503452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#503452 }
```

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

```
.background{ background-color:#503452 }
```

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