

Converting Colors

Hex(503B6B)

Have a look what the booklet for
Hex(503B6B) contains.

Hex(503B6B)	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(503B6B)

Conversions

Conversions Part 1

Format	Color
Hex	503B6B
RGB	80, 59, 107
RGB Percent	31%, 23%, 42%
CMY	0.6863, 0.7686, 0.5804
CMYK	0.25, 0.45, 0.00, 0.58
HSL	266°, 29%, 33%
HSV	266°, 45%, 42%
XYZ	7.5261, 5.8949, 14.6511
YIQ	70.7510, -2.8920, 19.3800

Conversions

Conversions Part 2

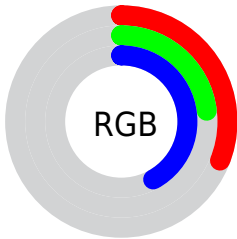
Format	Color
R_{YB}	80, 59, 107
Decimal	5258091
CIE _{Lab}	29.15, 20.11, -24.65
CIE _{LCh}	29, 31.814, 309.214
Yxy	5.8949, 0.2681, 0.2100
Android (android.graphics.Color)	4283448171 (0xFF503B6B)
YUV	70.7510, 17.8708, 8.1114
Hunter-Lab	24.2795, 12.8417, -18.7820




Details

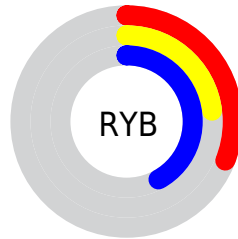
The Hex color **503B6B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **566B3B**, and the grayscale version is **474747**.




A 20% lighter version of the original color is **826B9F**, and **21103B** is the 20% darker color. If you saturate the color by 10%, you get **4A306B**, and if you desaturate by 10%, it is **56466B**.

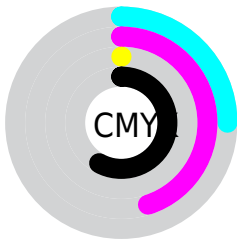
Distribution







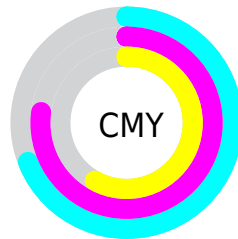
-  Red (31%)
-  Green (23%)
-  Blue (42%)






-  Red (31%)
-  Yellow (23%)
-  Blue (42%)



-  Cyan (25%)
-  Magenta (45%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (69%)
-  Magenta (77%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 503B6B 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 503B6B by changing the saturation by 10% instead.

■ 503B6B

■ 503B6B

FFFFFF

■ 382553

■ 826B9F

■ 21103B

■ 9D84BA

■ 0D0026

■ B89ED6

■ 00010E

■ D4B9F2

■ 000000

■ F1D5FF

■ FFF1FF

■ 503B6B

■ 503B6B

■ 4A306B

■ 56466B

44266B

5C506B

3E1B6B

625B6B

38106B

68666B

32066B

6E716B

2F006B

747B6B

7A866B

80916B

869B6B

Harmonies

Analogous

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



234575



503B6B



683257

Triad

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



503B6B



603D15



00514C

Complementary

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



503B6B



566B3B

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.



005032



503B6B



4B4610

Square

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



503B6B



6E3427



304C1C



005063

Rectangle

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



503B6B



702E46



304C1C



005143

Sweetspot

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



503B6B



827A8C



3B566B



413C47



C7C7C7



474747

Same Dimension

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



503B6B



62418C



683B6B



333036



330075



6B00F5

Inverse Universe

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



6B3B56



8C416B



3E6B3B



363033



750042



F5008A

Previews

White Background



This preview shows how the Hex color 503B6B looks on a white background.

Color Contrast Check

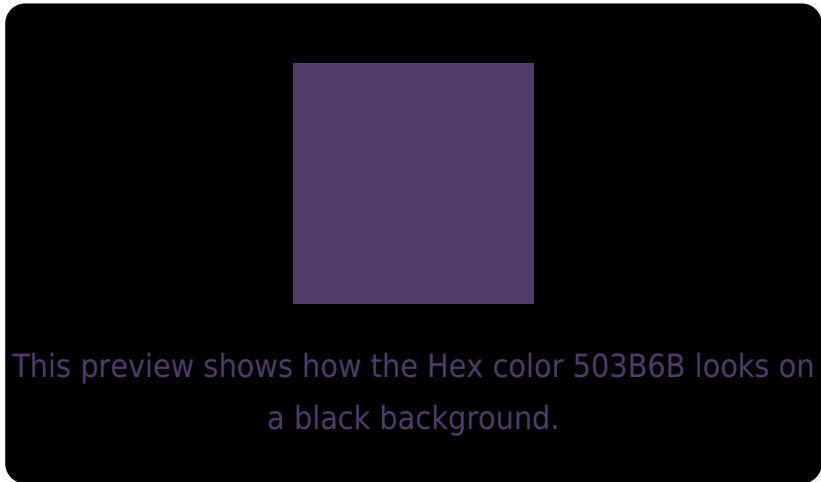
Large Text (above 18pt) WCAG AA ✓ Pass

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

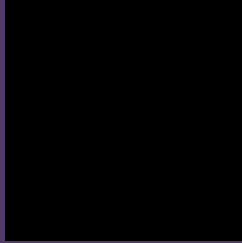
Any Text WCAG AA × Fail

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 503B6B Background



This preview shows how black text looks on a background with the Hex color 503B6B.

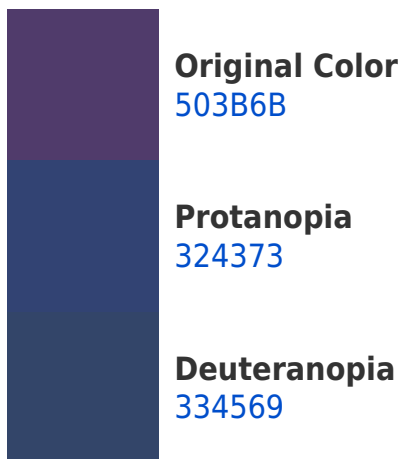


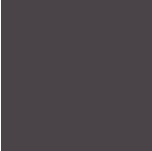
This preview shows how white text looks on a background with the Hex color 503B6B.

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





Tritanopia
4A4348

Trichromacy



Original Color

503B6B

Protanomaly

3D4070

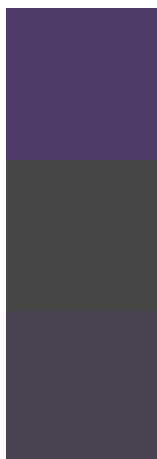
Deuteranomaly

3E416A

Tritanomaly

4C4055

Monochromacy



Original Color

503B6B

Achromatopsia

474747

Achromatomaly

4A4354

CSS Examples

Text

The CSS property to change the color of the text to Hex 503B6B 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 #503B6B looks like.

```
.text, #text, p{  
    color:#503B6B  
}
```

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 #503B6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #503B6B
}
```

Border

The CSS property to change the border of an element to Hex 503B6B is called "border". The border property can be set on classes, ids or directly on the HTML element.

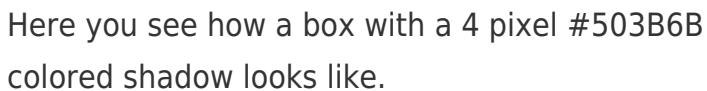
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#503B6B }
```

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

```
.border{ border-color:#503B6B }
```

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



Here you see how a box with a 4 pixel #503B6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #503B6B; -webkit-box-shadow:4px 4px  
4px 4px #503B6B; box-shadow:4px 4px 4px  
4px #503B6B }
```

Background

The CSS property to change the background color of an element to Hex 503B6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#503B6B }
```

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

```
.background{ background-color:#503B6B }
```

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