

Converting Colors

Hex(503C85)

Have a look what the booklet for
Hex(503C85) contains.

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Color

Hex(503C85)

Conversions

Conversions Part 1

Format	Color
Hex	503C85
RGB	80, 60, 133
RGB Percent	31%, 24%, 52%
CMY	0.6863, 0.7647, 0.4784
CMYK	0.40, 0.55, 0.00, 0.48
HSL	256°, 38%, 38%
HSV	256°, 55%, 52%
XYZ	9.1578, 6.6306, 22.9875
YIQ	74.3020, -11.5130, 26.9430

Conversions

Conversions Part 2

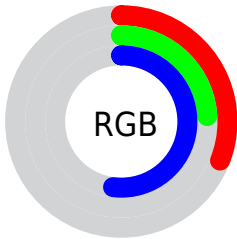
Format	Color
R_{YB}	80, 60, 133
Decimal	5258373
CIE _{Lab}	30.95, 26.85, -38.14
CIE _{LCh}	31, 46.641, 305.141
Yxy	6.6306, 0.2362, 0.1710
Android (android.graphics.Color)	4283448453 (0xFF503C85)
YUV	74.3020, 28.9381, 4.9971
Hunter-Lab	25.7500, 18.4193, -34.9041

Details

The Hex color **503C85** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **71853C**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **846CBB**, and **1C1153** is the 20% darker color. If you saturate the color by 10%, you get **462F85**, and if you desaturate by 10%, it is **5A4985**.

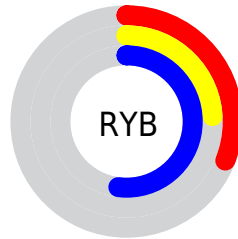
Distribution



Red (31%)

Green (24%)

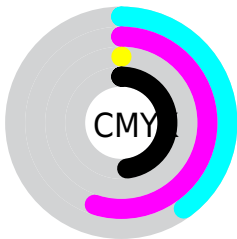
Blue (52%)



Red (31%)

Yellow (24%)

Blue (52%)

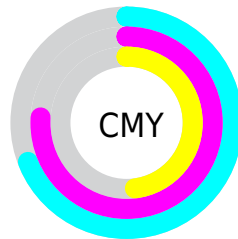


Cyan (40%)

Magenta (55%)

Yellow (0%)

Black (48%)



Cyan (69%)

Magenta (76%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 503C85 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 503C85 by changing the saturation by 10% instead.

■ 503C85

■ 503C85

FFFFFF

■ 36266B

■ 846CBB

■ 1C1153

■ 9F85D7

■ 07003B

■ BBA0F3

■ 000225

■ D7BBFF

■ 00010D

■ F4D7FF

■ 000000

■ FFF3FF

■ 503C85

■ 503C85

■ 462F85

■ 5A4985

■ 3D2185

■ 635785

■ 331485

■ 6D6485

■ 290785

■ 777185

■ 240085

■ 807F85

■ 8A8C85

■ 949985

■ 9DA685

■ A7B485

Harmonies

Analogous

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



004B92



503C85



792968

Triad

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



503C85



713B00



00594E

Complementary

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



503C85



71853C

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.



005728



503C85



534900

Square

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



503C85



842A21



2D5200



005972

Rectangle

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



503C85



852050



2D5200



005942

Sweetspot

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



503C85



9992AD



3C7285



4B4657



D6D6D6



575757

Same Dimension

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



503C85



5A3BAD



743C85



3D3C42



240082



010003

Inverse Universe

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



853C71



AD3B8E



4D853C



423C40



82005E



030002

Previews

White Background



This preview shows how the Hex color 503C85 looks on a white background.

Color Contrast Check

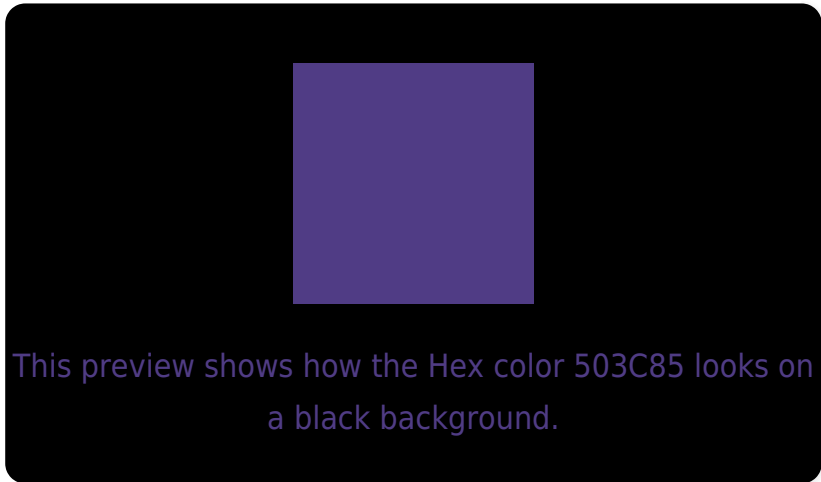
Large Text (above 18pt) WCAG AA ✓ Pass

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

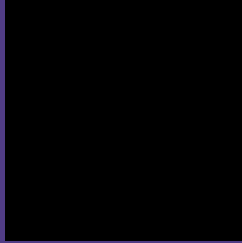
Any Text WCAG AA × Fail

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 503C85 Background



This preview shows how black text looks on a background with the Hex color 503C85.

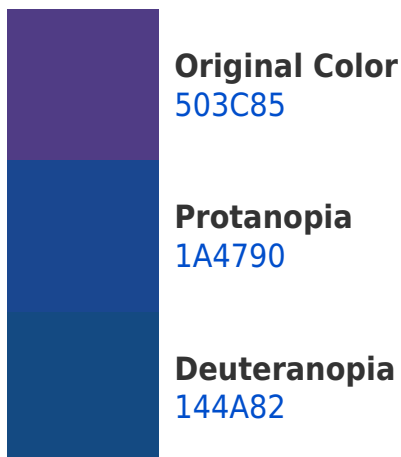


This preview shows how white text looks on a background with the Hex color 503C85.

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
444A50

Trichromacy



Original Color
503C85

Protanomaly
2E438C

Deuteranomaly
2A4583

Tritanomaly
484563

Monochromacy



Original Color
503C85

Achromatopsia
4A4A4A

Achromatomaly
4C455F

CSS Examples

Text

The CSS property to change the color of the text to Hex 503C85 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 #503C85 looks like.

```
.text, #text, p{  
    color:#503C85  
}
```

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 #503C85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #503C85
}
```

Border

The CSS property to change the border of an element to Hex 503C85 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
#503C85 }
```

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

```
.border{ border-color:#503C85 }
```

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

Here you see how a box with a 4 pixel #503C85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #503C85; -webkit-box-shadow:4px 4px  
4px 4px #503C85; box-shadow:4px 4px 4px  
4px #503C85 }
```

Background

The CSS property to change the background color of an element to Hex 503C85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#503C85 }
```

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

```
.background{ background-color:#503C85 }
```

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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