

Converting Colors

Hex(51315B)

Have a look what the booklet for
Hex(51315B) contains.

Hex(51315B)	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(51315B)

Conversions

Conversions Part 1

Format	Color
Hex	51315B
RGB	81, 49, 91
RGB Percent	32%, 19%, 36%
CMY	0.6824, 0.8078, 0.6431
CMYK	0.11, 0.46, 0.00, 0.64
HSL	286°, 30%, 27%
HSV	286°, 46%, 36%
XYZ	6.3800, 4.7013, 10.4687
YIQ	63.3560, 5.5900, 19.8460

Conversions

Conversions Part 2

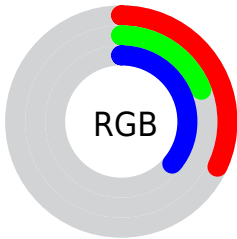
Format	Color
R_{YB}	81, 49, 91
Decimal	5321051
CIE _{Lab}	25.87, 22.75, -19.44
CIE _{LCh}	26, 29.921, 319.479
Yxy	4.7013, 0.2961, 0.2182
Android (android.graphics.Color)	4283511131 (0xFF51315B)
YUV	63.3560, 13.6285, 15.4738
Hunter-Lab	21.6825, 14.5787, -13.4486

Details

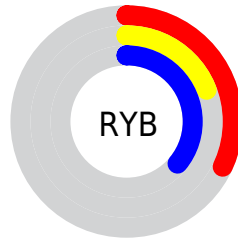
The Hex color **51315B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3B5B31**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **83608D**, and **23052D** is the 20% darker color. If you saturate the color by 10%, you get **4F285B**, and if you desaturate by 10%, it is **533A5B**.

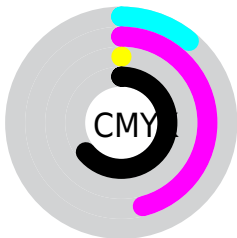
Distribution



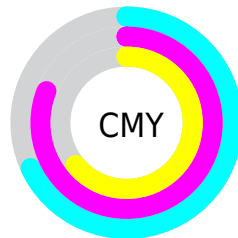
- Red (32%)
- Green (19%)
- Blue (36%)



- Red (32%)
- Yellow (19%)
- Blue (36%)



- Cyan (11%)
- Magenta (46%)
- Yellow (0%)
- Black (64%)



- Cyan (68%)
- Magenta (81%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51315B 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 51315B by changing the saturation by 10% instead.

■ 51315B

■ 51315B

FFFFFF

■ 391B43

■ 83608D

■ 23052D

■ 9E79A8

■ 000018

■ B993C3

■ 000000

■ D5AEDF

■ F1C9FC

■ FFE6FF

■ 51315B

■ 51315B

■ 4F285B

■ 533A5B

■ 4D1F5B

■ 55435B

■ 4B165B

■ 584C5B

■ 480D5B

■ 5A555B

■ 46035B

■ 5C5F5B

■ 45005B

■ 5E685B

■ 60715B

■ 627A5B

■ 64835B

Harmonies

Analogous

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



303B68



51315B



632A46

Triad

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



51315B



50390E



00484C

Complementary

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



51315B



3B5B31

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.



004834



51315B



3B410F

Square

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



51315B



60301B



20451E



00475F

Rectangle

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



51315B



672937



20451E



004844

Sweetspot

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



51315B



716575



313C5B



38313B



BABABA



3B3B3B

Same Dimension

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



51315B



663575



5B3151



2D292E



54006E



B500ED

Inverse Universe

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



5B313B



753544



315B3C



2E292A



6E001A



ED0038

Previews

White Background



This preview shows how the Hex color 51315B looks on a white background.

Color Contrast Check

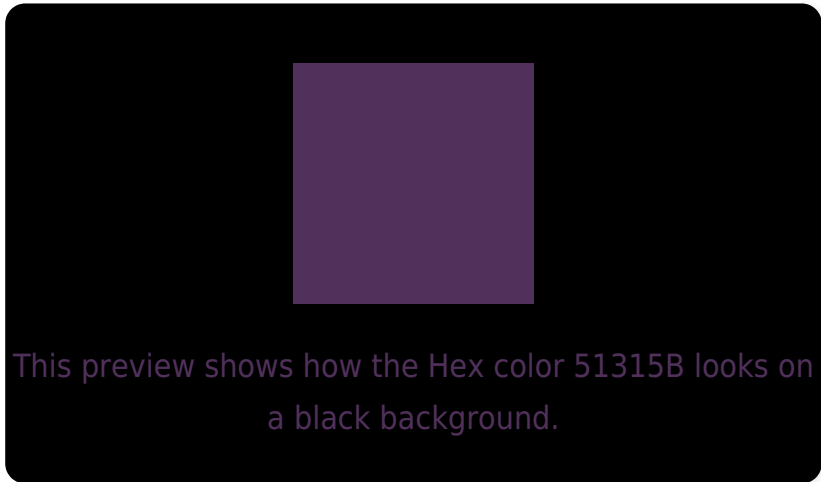
Large Text (above 18pt) WCAG AA ✓ Pass

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

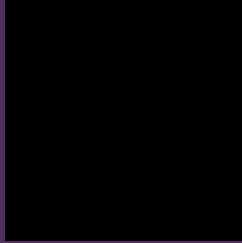
Any Text WCAG AA × Fail

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 51315B Background



This preview shows how black text looks on a background with the Hex color 51315B.

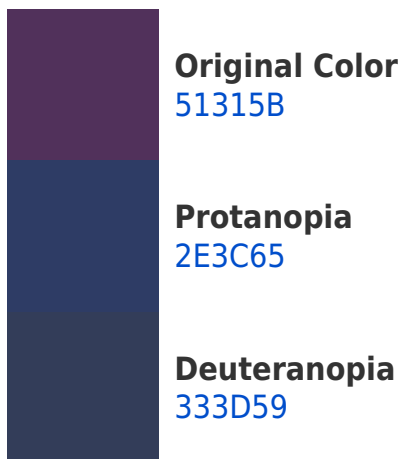


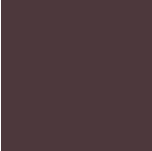
This preview shows how white text looks on a background with the Hex color 51315B.

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
4D383C

Trichromacy



Original Color
51315B

Protanomaly
3B3861

Deuteranomaly
3E395A

Tritanomaly
4E3547

Monochromacy



Original Color
51315B

Achromatopsia
3F3F3F

Achromatomaly
463A49

CSS Examples

Text

The CSS property to change the color of the text to Hex 51315B 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 #51315B looks like.

```
.text, #text, p{  
    color:#51315B  
}
```

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 #51315B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51315B
}
```

Border

The CSS property to change the border of an element to Hex 51315B is called "border". The border property can be set on classes, ids or directly on the HTML element.

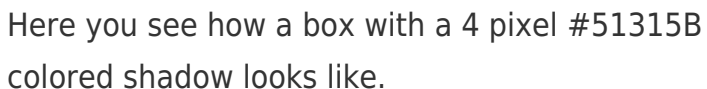
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#51315B }
```

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

```
.border{ border-color:#51315B }
```

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



Here you see how a box with a 4 pixel #51315B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51315B; -webkit-box-shadow:4px 4px  
4px 4px #51315B; box-shadow:4px 4px 4px  
4px #51315B }
```

Background

The CSS property to change the background color of an element to Hex 51315B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51315B }
```

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

```
.background{ background-color:#51315B }
```

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