

Converting Colors

Hex(5B315D)

Have a look what the booklet for
Hex(5B315D) contains.

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Color

Hex(5B315D)

Conversions

Conversions Part 1

Format	Color
Hex	5B315D
RGB	91, 49, 93
RGB Percent	36%, 19%, 36%
CMY	0.6431, 0.8078, 0.6353
CMYK	0.02, 0.47, 0.00, 0.64
HSL	297°, 31%, 28%
HSV	297°, 47%, 36%
XYZ	7.3885, 5.2111, 10.9723
YIQ	66.5740, 10.9080, 22.5880

Conversions

Conversions Part 2

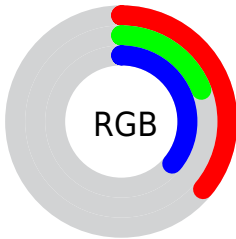
Format	Color
RYB	91, 49, 93
Decimal	5976413
CIELab	27.33, 26.63, -18.37
CIELCh	27, 32.352, 325.409
Yxy	5.2111, 0.3134, 0.2211
Android (android.graphics.Color)	4284166493 (0xFF5B315D)
YUV	66.5740, 13.0280, 21.4216
Hunter-Lab	22.8278, 17.8249, -12.5187




Details

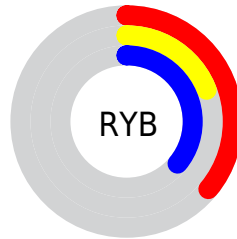
The Hex color **5B315D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **335D31**, and the grayscale version is **424242**.




A 20% lighter version of the original color is **8E618F**, and **2B042F** is the 20% darker color. If you saturate the color by 10%, you get **5B285D**, and if you desaturate by 10%, it is **5B3A5D**.

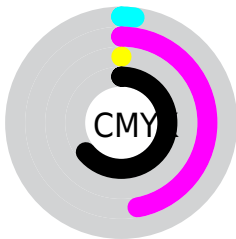
Distribution







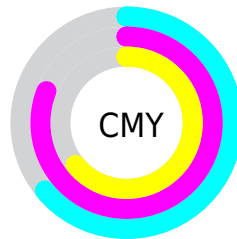
-  Red (36%)
-  Green (19%)
-  Blue (36%)






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



-  Cyan (2%)
-  Magenta (47%)
-  Yellow (0%)
-  Black (64%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 5B315D 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 5B315D by changing the saturation by 10% instead.

■ 5B315D

■ 5B315D

FFFFFF

■ 431A45

■ 8E618F

■ 2B042F

■ A97AAA

■ 14001A

■ C594C5

■ 000000

■ E1AFE1

■ FECAFE

■ FFE7FF

■ 5B315D

■ 5B315D

■ 5B285D

■ 5B3A5D

■ 5A1E5D

■ 5C445D

■ 5A155D

■ 5C4D5D

■ 590C5D

■ 5D565D

■ 59025D

■ 5D5F5D

■ 59005D

■ 5E695D

■ 5E725D

■ 5E7B5D

■ 5F855D

Harmonies

Analogous

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



3A3C6D



5B315D



6B2A45

Triad

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



5B315D



513E0B



004C55

Complementary

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



5B315D



335D31

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.



004C3C



5B315D



394510

Square

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



5B315D



633418



184A23



004A69

Rectangle

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



5B315D



6E2A35



184A23



004D4D

Sweetspot

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



5B315D



776778



31335D



3D333D



BDBDBD



3D3D3D

Same Dimension

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



5B315D



753478



5D3149



2E292E



69006E



E200ED

Inverse Universe

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



5D3133



783437



315D45



2E292A



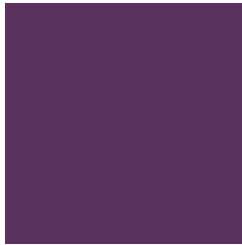
6E0005



ED000B

Previews

White Background



This preview shows how the Hex color 5B315D looks on a white background.

Color Contrast Check

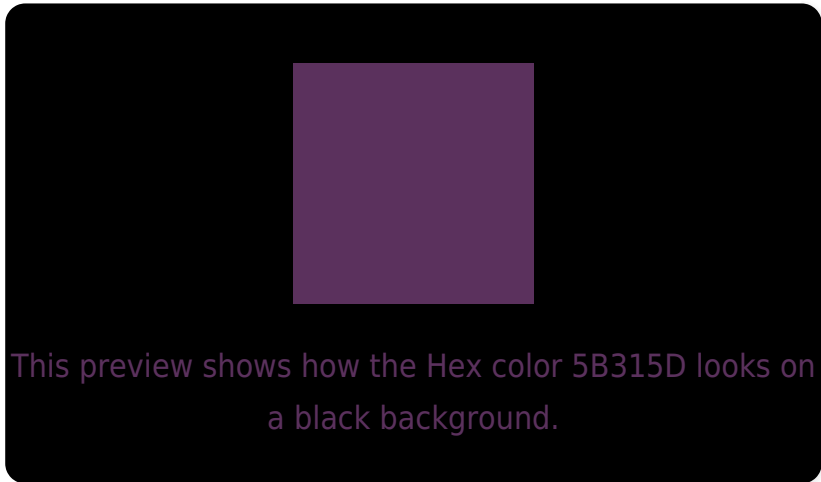
Large Text (above 18pt) WCAG AA ✓ Pass

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

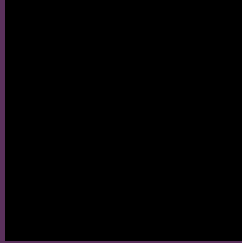
Any Text WCAG AA × Fail

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 5B315D Background



This preview shows how black text looks on a background with the Hex color 5B315D.

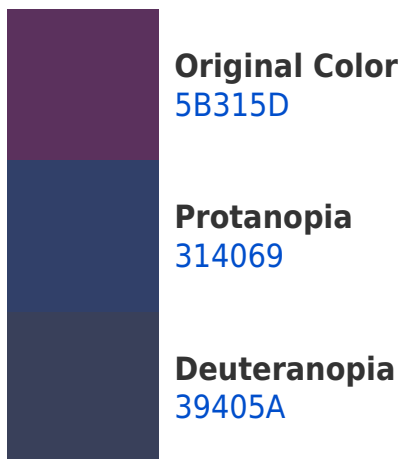



This preview shows how white text looks on a background with the Hex color 5B315D.

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
57393D

Trichromacy



Original Color
5B315D

Protanomaly
403B65

Deuteranomaly
453B5B

Tritanomaly
583649

Monochromacy



Original Color
5B315D

Achromatopsia
434343

Achromatomaly
4C3C4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B315D 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 #5B315D looks like.

```
.text, #text, p{  
    color:#5B315D  
}
```

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 #5B315D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B315D
}
```

Border

The CSS property to change the border of an element to Hex 5B315D is called "border". The border property can be set on classes, ids or directly on the HTML element.

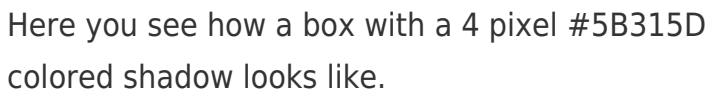
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B315D }
```

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

```
.border{ border-color:#5B315D }
```

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



Here you see how a box with a 4 pixel #5B315D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B315D; -webkit-box-shadow:4px 4px  
4px 4px #5B315D; box-shadow:4px 4px 4px  
4px #5B315D }
```

Background

The CSS property to change the background color of an element to Hex 5B315D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B315D }
```

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

```
.background{ background-color:#5B315D }
```

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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