

Converting Colors

Hex(50315C)

Have a look what the booklet for
Hex(50315C) contains.

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Color

Hex(50315C)

Conversions

Conversions Part 1

Format	Color
Hex	50315C
RGB	80, 49, 92
RGB Percent	31%, 19%, 36%
CMY	0.6863, 0.8078, 0.6392
CMYK	0.13, 0.47, 0.00, 0.64
HSL	283°, 30%, 28%
HSV	283°, 47%, 36%
XYZ	6.3383, 4.6748, 10.6935
YIQ	63.1710, 4.6730, 19.9450

Conversions

Conversions Part 2

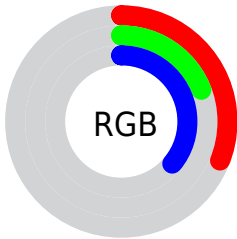
Format	Color
R_{YB}	80, 49, 92
Decimal	5255516
CIE Lab	25.79, 22.64, -20.23
CIE LCh	26, 30.361, 318.223
Yxy	4.6748, 0.2920, 0.2154
Android (android.graphics.Color)	4283445596 (0xFF50315C)
YUV	63.1710, 14.2127, 14.7590
Hunter-Lab	21.6213, 14.4905, -14.1888

Details

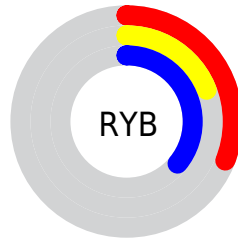
The Hex color **50315C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3D5C31**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **82608E**, and **22052E** is the 20% darker color. If you saturate the color by 10%, you get **4D285C**, and if you desaturate by 10%, it is **533A5C**.

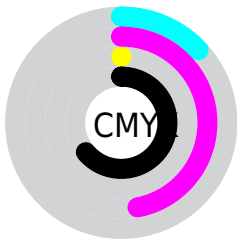
Distribution



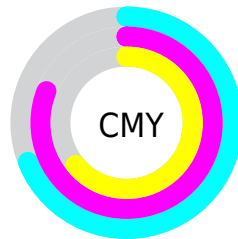
- Red (31%)
- Green (19%)
- Blue (36%)



- Red (31%)
- Yellow (19%)
- Blue (36%)



- Cyan (13%)
- Magenta (47%)
- Yellow (0%)
- Black (64%)



- Cyan (69%)
- Magenta (81%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50315C 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 50315C by changing the saturation by 10% instead.

■ 50315C

■ 50315C

FFFFFF

■ 381B44

■ 82608E

■ 22052E

■ 9D79A9

■ 000019

■ B893C4

■ 000000

■ D4AEE0

■ F0C9FD

■ FFE6FF

■ 50315C

■ 50315C

■ 4D285C

■ 533A5C

■ 4B1F5C

■ 55435C

■ 48155C

■ 584D5C

■ 460C5C

■ 5A565C

■ 43035C

■ 5D5F5C

■ 42005C

■ 5F685C

■ 62715C

■ 657B5C

■ 67845C

Harmonies

Analogous

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



2D3B69



50315C



622947

Triad

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



50315C



51390D



00484B

Complementary

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



50315C



3D5C31

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.



004833



50315C



3C400D

Square

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



50315C



60301B



21451D



00475F

Rectangle

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



50315C



672838



21451D



004843

Sweetspot

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



50315C



736778



313D5C



3A333D



BDBDBD



3D3D3D

Same Dimension

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



50315C



653578



5C3153



2D292E



4F006E



AB00ED

Inverse Universe

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



5C313D



783547



315C3A



2E292B



6E001F



ED0042

Previews

White Background



This preview shows how the Hex color 50315C looks on a white background.

Color Contrast Check

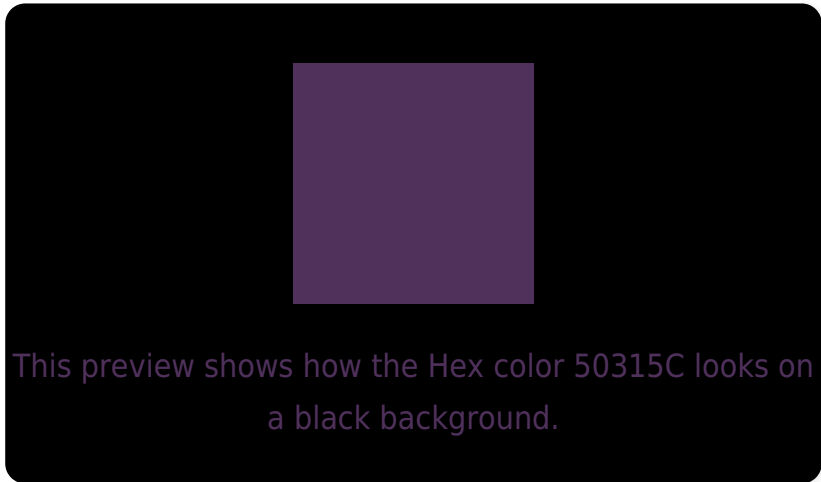
Large Text (above 18pt) WCAG AA ✓ Pass

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

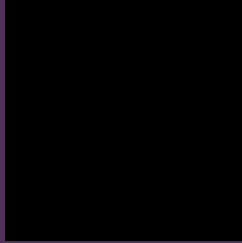
Any Text WCAG AA × Fail

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 50315C Background



This preview shows how black text looks on a background with the Hex color 50315C.



This preview shows how white text looks on a background with the Hex color 50315C.

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](#).

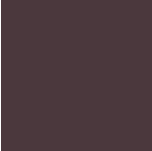
Dichromacy



Original Color
50315C

Protanopia
2D3C66

Deuteranopia
323D5A



Tritanopia
4B383D

Trichromacy



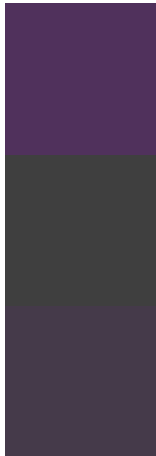
Original Color
50315C

Protanomaly
3A3862

Deuteranomaly
3D395B

Tritanomaly
4D3548

Monochromacy



Original Color
50315C

Achromatopsia
3F3F3F

Achromatomaly
453A4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 50315C 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 #50315C looks like.

```
.text, #text, p{  
    color:#50315C  
}
```

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 #50315C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50315C
}
```

Border

The CSS property to change the border of an element to Hex 50315C is called "border". The border property can be set on classes, ids or directly on the HTML element.

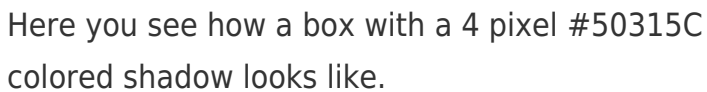
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50315C }
```

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

```
.border{ border-color:#50315C }
```

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



Here you see how a box with a 4 pixel #50315C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50315C; -webkit-box-shadow:4px 4px  
4px 4px #50315C; box-shadow:4px 4px 4px  
4px #50315C }
```

Background

The CSS property to change the background color of an element to Hex 50315C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50315C }
```

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

```
.background{ background-color:#50315C }
```

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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