

Converting Colors

Hex(5A3958)

Have a look what the booklet for
Hex(5A3958) contains.

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Color

Hex(5A3958)

Conversions

Conversions Part 1

Format	Color
Hex	5A3958
RGB	90, 57, 88
RGB Percent	35%, 22%, 35%
CMY	0.6471, 0.7765, 0.6549
CMYK	0.00, 0.37, 0.02, 0.65
HSL	304°, 22%, 29%
HSV	304°, 37%, 35%
XYZ	7.4410, 5.8045, 9.9607
YIQ	70.4010, 9.7170, 16.6370

Conversions

Conversions Part 2

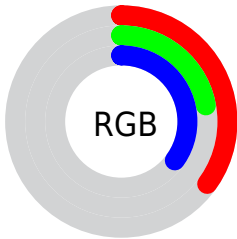
Format	Color
RYB	90, 57, 88
Decimal	5912920
CIELab	28.91, 20.30, -12.68
CIELCh	29, 23.936, 328.013
Yxy	5.8045, 0.3206, 0.2501
Android (android.graphics.Color)	4284103000 (0xFF5A3958)
YUV	70.4010, 8.6763, 17.1883
Hunter-Lab	24.0925, 12.9682, -7.6479

Details

The Hex color **5A3958** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **395A3B**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **8D698A**, and **2B0E2A** is the 20% darker color. If you saturate the color by 10%, you get **5A3057**, and if you desaturate by 10%, it is **5A4259**.

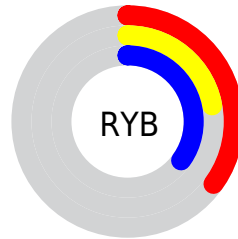
Distribution



Red (35%)

Green (22%)

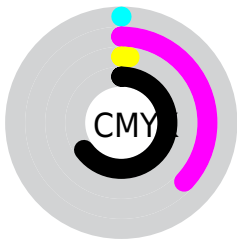
Blue (35%)



Red (35%)

Yellow (22%)

Blue (35%)

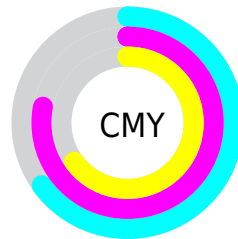


Cyan (0%)

Magenta (37%)

Yellow (2%)

Black (65%)



Cyan (65%)

Magenta (78%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A3958 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 5A3958 by changing the saturation by 10% instead.

■ 5A3958

■ 5A3958

FFFFFF

■ 422341

■ 8D698A

■ 2B0E2A

■ A782A4

■ 170016

■ C39CBF

■ 000000

■ DFB7DB

■ FCD3F8

■ FFEFFF

■ 5A3958

■ 5A3958

■ 5A3057

■ 5A4259

■ 5A2757

■ 5A4B59

■ 5A1E56

■ 5A545A

■ 5A1556

■ 5A5D5A

■ 5A0C55

■ 5A665B

■ 5A0355

■ 5A6F5B

■ 5A0055

■ 5A785C

■ 5A815C

■ 5A8A5D

Harmonies

Analogous

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



444065



5A3958



663546

Triad

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



5A3958



51431E



004D55

Complementary

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



5A3958



395A3B

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.



024E42



5A3958



3E4823

Square

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



5A3958



5F3C25



274C30



004B63

Rectangle

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



5A3958



67353A



274C30



004E4F

Sweetspot

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



5A3958



756875



3B395A



3B333A



BABABA



3B3B3B

Same Dimension

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



5A3958



754272



5A3948



2E292E



6E0067



ED00DF

Inverse Universe

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



5A3958



754272



395A4B



2E292E



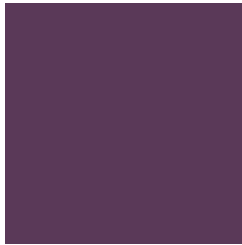
6E0067



ED00DF

Previews

White Background



This preview shows how the Hex color 5A3958 looks on a white background.

Color Contrast Check

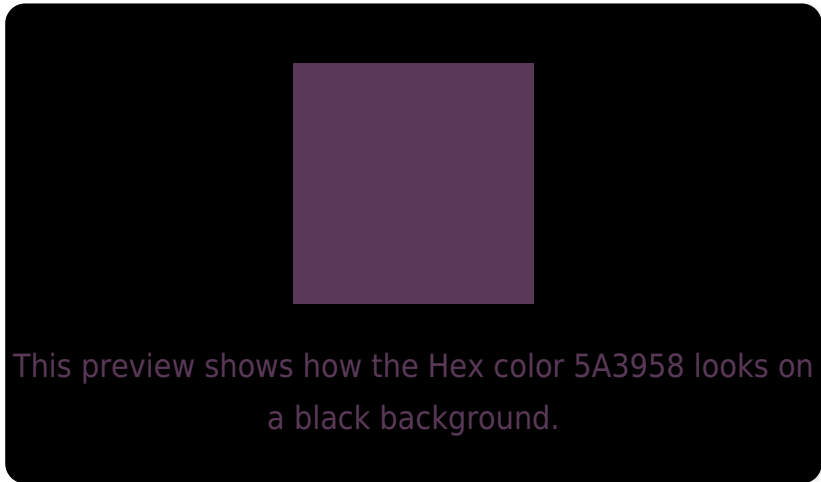
Large Text (above 18pt) WCAG AA ✓ Pass

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

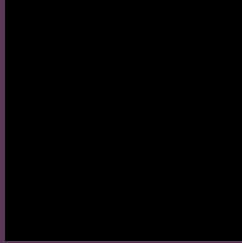
Any Text WCAG AA × Fail

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 5A3958 Background



This preview shows how black text looks on a background with the Hex color 5A3958.



This preview shows how white text looks on a background with the Hex color 5A3958.

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
5A3958

Protanopia
3C4460

Deuteranopia
424356



Tritanopia
573D42

Trichromacy



Original Color

5A3958

Protanomaly

47405D

Deuteranomaly

4B3F57

Tritanomaly

583C4A

Monochromacy



Original Color

5A3958

Achromatopsia

464646

Achromatomaly

4D414D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A3958 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 #5A3958 looks like.

```
.text, #text, p{  
    color:#5A3958  
}
```

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 #5A3958 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A3958
}
```

Border

The CSS property to change the border of an element to Hex 5A3958 is called "border". The border property can be set on classes, ids or directly on the HTML element.

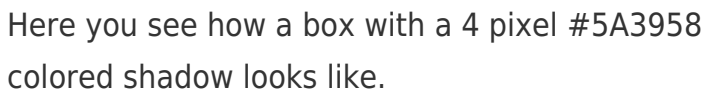
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A3958 }
```

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

```
.border{ border-color:#5A3958 }
```

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



Here you see how a box with a 4 pixel #5A3958 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A3958; -webkit-box-shadow:4px 4px  
4px 4px #5A3958; box-shadow:4px 4px 4px  
4px #5A3958 }
```

Background

The CSS property to change the background color of an element to Hex 5A3958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A3958 }
```

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

```
.background{ background-color:#5A3958 }
```

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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