

Converting Colors

Hex(5A335A)

Have a look what the booklet for
Hex(5A335A) contains.

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Color

Hex(5A335A)

Conversions

Conversions Part 1

Format	Color
Hex	5A335A
RGB	90, 51, 90
RGB Percent	35%, 20%, 35%
CMY	0.6471, 0.8000, 0.6471
CMYK	0.00, 0.43, 0.00, 0.65
HSL	300°, 28%, 28%
HSV	300°, 43%, 35%
XYZ	7.2457, 5.2795, 10.3100
YIQ	67.1070, 10.7250, 20.3970

Conversions

Conversions Part 2

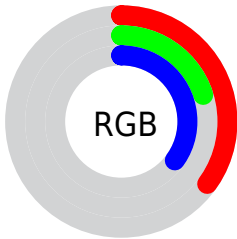
Format	Color
RYB	90, 51, 90
Decimal	5911386
CIELab	27.52, 24.44, -16.13
CIELCh	28, 29.279, 326.572
Yxy	5.2795, 0.3173, 0.2312
Android (android.graphics.Color)	4284101466 (0xFF5A335A)
YUV	67.1070, 11.2862, 20.0772
Hunter-Lab	22.9772, 16.0791, -10.5198

Details

The Hex color **5A335A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **335A33**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **8D638C**, and **2B062C** is the 20% darker color. If you saturate the color by 10%, you get **5A2A5A**, and if you desaturate by 10%, it is **5A3C5A**.

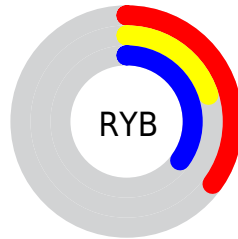
Distribution



Red (35%)

Green (20%)

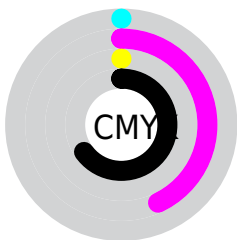
Blue (35%)



Red (35%)

Yellow (20%)

Blue (35%)

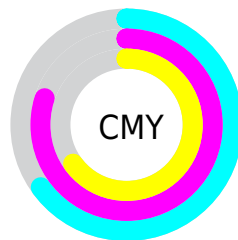


Cyan (0%)

Magenta (43%)

Yellow (0%)

Black (65%)



Cyan (65%)

Magenta (80%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A335A 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 5A335A by changing the saturation by 10% instead.

■ 5A335A

■ 5A335A

FFFFFF

■ 421D42

■ 8D638C

■ 2B062C

■ A87CA7

■ 130018

■ C396C2

■ 000000

■ DFB1DE

■ FCCCFA

■ FFE9FF

■ 5A335A

■ 5A335A

■ 5A2A5A

■ 5A3C5A

■ 5A215A

■ 5A455A

■ 5A185A

■ 5A4E5A

■ 5A0F5A

■ 5A575A

■ 5A065A

■ 5A605A

■ 5A005A

■ 5A695A

■ 5A725A

■ 5A7B5A

■ 5A845A

Harmonies

Analogous

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



3E3C69



5A335A



682D45

Triad

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



5A335A



503F12



004C54

Complementary

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



5A335A



335A33

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.



004C3E



5A335A



3A4616

Square

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



5A335A



61361C



1D4A27



004966

Rectangle

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



5A335A



6B2E35



1D4A27



004C4D

Sweetspot

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



5A335A



756675



33335A



3B313B



BABABA



3B3B3B

Same Dimension

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



5A335A



753875



5A3347



2E292E



6E006E



ED00ED

Inverse Universe

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



5A335A



753875



335A47



2E292E



6E006E



ED00ED

Previews

White Background



This preview shows how the Hex color 5A335A looks on a white background.

Color Contrast Check

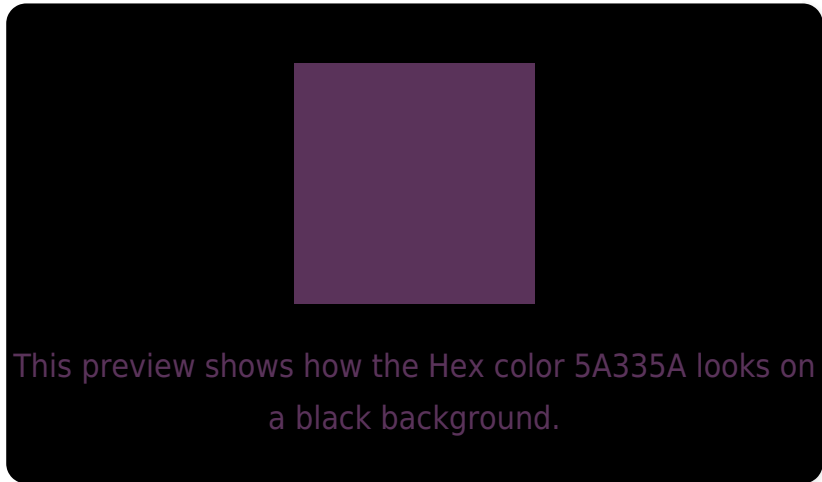
Large Text (above 18pt) WCAG AA ✓ Pass

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

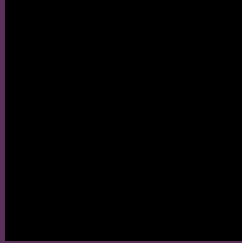
Any Text WCAG AA × Fail

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 5A335A Background



This preview shows how black text looks on a background with the Hex color 5A335A.



This preview shows how white text looks on a background with the Hex color 5A335A.

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
5A335A

Protanopia
344065

Deuteranopia
3C4058



Tritanopia
56393E

Trichromacy



Original Color
5A335A

Protanomaly
423B61

Deuteranomaly
473B59

Tritanomaly
573748

Monochromacy



Original Color
5A335A

Achromatopsia
434343

Achromatomaly
4B3D4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A335A 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 #5A335A looks like.

```
.text, #text, p{  
    color:#5A335A  
}
```

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 #5A335A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A335A
}
```

Border

The CSS property to change the border of an element to Hex 5A335A is called "border". The border property can be set on classes, ids or directly on the HTML element.

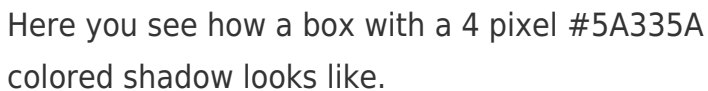
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A335A }
```

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

```
.border{ border-color:#5A335A }
```

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



Here you see how a box with a 4 pixel #5A335A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A335A; -webkit-box-shadow:4px 4px  
4px 4px #5A335A; box-shadow:4px 4px 4px  
4px #5A335A }
```

Background

The CSS property to change the background color of an element to Hex 5A335A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A335A }
```

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

```
.background{ background-color:#5A335A }
```

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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