

Converting Colors

Hex(5A2857)

Have a look what the booklet for
Hex(5A2857) contains.

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Color

Hex(5A2857)

Conversions

Conversions Part 1

Format	Color
Hex	5A2857
RGB	90, 40, 87
RGB Percent	35%, 16%, 34%
CMY	0.6471, 0.8431, 0.6588
CMYK	0.00, 0.56, 0.03, 0.65
HSL	304°, 38%, 25%
HSV	304°, 56%, 35%
XYZ	6.6955, 4.3794, 9.5092
YIQ	60.3080, 14.7130, 25.2170

Conversions

Conversions Part 2

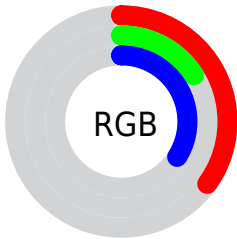
Format	Color
RYB	90, 40, 87
Decimal	5908567
CIELab	24.89, 30.26, -18.24
CIELCh	25, 35.330, 328.921
Yxy	4.3794, 0.3253, 0.2128
Android (android.graphics.Color)	4284098647 (0xFF5A2857)
YUV	60.3080, 13.1592, 26.0399
Hunter-Lab	20.9269, 20.4887, -12.2926

Details

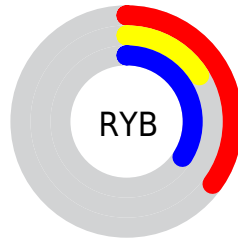
The Hex color **5A2857** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **285A2B**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **8E5889**, and **2B0029** is the 20% darker color. If you saturate the color by 10%, you get **5A1F56**, and if you desaturate by 10%, it is **5A3158**.

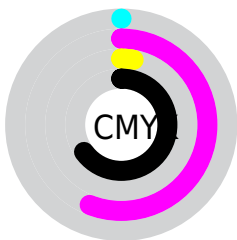
Distribution



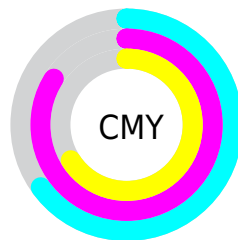
- Red (35%)
- Green (16%)
- Blue (34%)



- Red (35%)
- Yellow (16%)
- Blue (34%)



- Cyan (0%)
- Magenta (56%)
- Yellow (3%)
- Black (65%)



- Cyan (65%)
- Magenta (84%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A2857 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 5A2857 by changing the saturation by 10% instead.

 5A2857

 5A2857

FFFFFF

 421040

 8E5889

 2B0029

 A971A3

 0B0014

 C48BBF

 000000

 E1A5DA

 FDC1F7

 FFDDEF

 FFFAFF

 5A2857

 5A2857

■ 5A1F56

■ 5A3158

■ 5A1656

■ 5A3A58

■ 5A0D55

■ 5A4359

■ 5A0455

■ 5A4C59

■ 5A0055

■ 5A555A

■ 5A5E5A

■ 5A675B

■ 5A705B

■ 5A795C

Harmonies

Analogous

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



38346A



5A2857



69203D

Triad

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



5A2857



493900



004754

Complementary

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



5A2857



285A2B

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.



004739



5A2857



2E4105

Square

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



5A2857



5D2F0C



00451E



004569

Rectangle

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



5A2857



6B212B



00451E



00474C

Sweetspot

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



5A2857



756174



2B285A



3B2F3A



BABABA



3B3B3B

Same Dimension

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



5A2857



752771



5A283E



2E292E



6E0067



ED00DF

Inverse Universe

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



5A2857



752771



285A44



2E292E



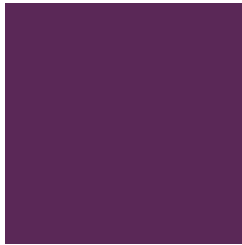
6E0067



ED00DF

Previews

White Background



This preview shows how the Hex color 5A2857 looks on a white background.

Color Contrast Check

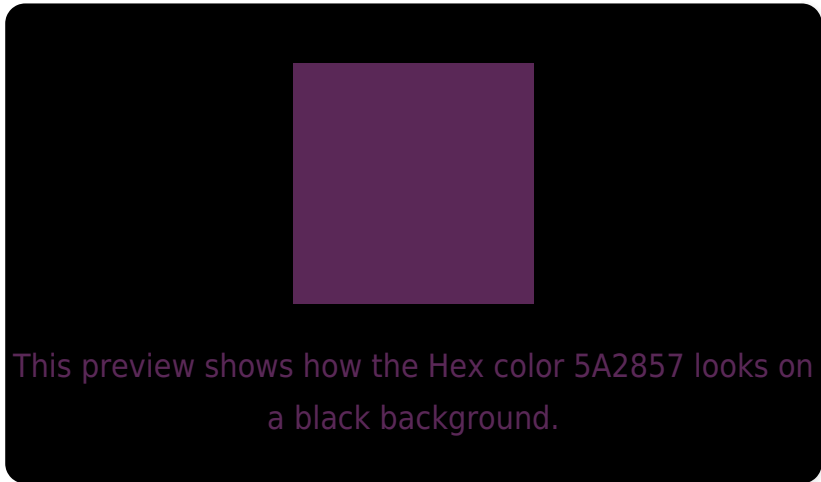
Large Text (above 18pt) WCAG AA ✓ Pass

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

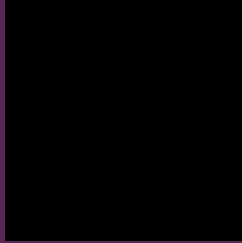
Any Text WCAG AA × Fail

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 5A2857 Background



This preview shows how black text looks on a background with the Hex color 5A2857.



This preview shows how white text looks on a background with the Hex color 5A2857.

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
5A2857

Protanopia
283A67

Deuteranopia
343B54



Tritanopia
563134

Trichromacy



Original Color
5A2857

Protanomaly
3A3361

Deuteranomaly
423455

Tritanomaly
572E41

Monochromacy



Original Color
5A2857

Achromatopsia
3C3C3C

Achromatomaly
473546

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A2857 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 #5A2857 looks like.

```
.text, #text, p{  
    color:#5A2857  
}
```

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 #5A2857 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A2857
}
```

Border

The CSS property to change the border of an element to Hex 5A2857 is called "border". The border property can be set on classes, ids or directly on the HTML element.

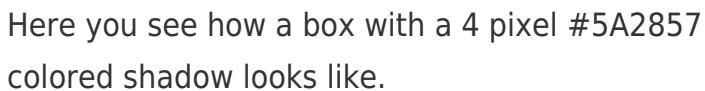
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A2857 }
```

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

```
.border{ border-color:#5A2857 }
```

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



Here you see how a box with a 4 pixel #5A2857 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A2857; -webkit-box-shadow:4px 4px  
4px 4px #5A2857; box-shadow:4px 4px 4px  
4px #5A2857 }
```

Background

The CSS property to change the background color of an element to Hex 5A2857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A2857 }
```

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

```
.background{ background-color:#5A2857 }
```

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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