

# Converting Colors

Hex(5C2839)

Have a look what the booklet for  
Hex(5C2839) contains.

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# Color

**Hex(5C2839)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C2839
RGB	92, 40, 57
RGB Percent	36%, 16%, 22%
CMY	0.6392, 0.8431, 0.7765
CMYK	0.00, 0.57, 0.38, 0.64
HSL	340°, 39%, 26%
HSV	340°, 57%, 36%
XYZ	5.9109, 4.0883, 4.3485
YIQ	57.4860, 25.5350, 16.3110

# Conversions

## Conversions Part 2

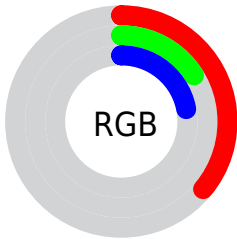
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 40, 57
Decimal	6039609
CIELab	23.96, 25.85, 0.54
CIELCh	24, 25.855, 1.187
Yxy	4.0883, 0.4120, 0.2849
Android (android.graphics.Color)	4284229689 (0xFF5C2839)
YUV	57.4860, -0.2396, 30.2688
Hunter-Lab	20.2196, 16.7981, 1.4026

# Details

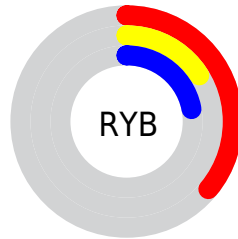
The Hex color **5C2839** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **285C4B**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **905768**, and **2C000E** is the 20% darker color. If you saturate the color by 10%, you get **5C1F33**, and if you desaturate by 10%, it is **5C313F**.

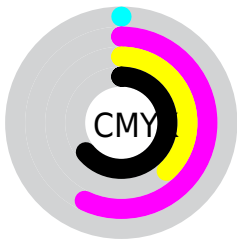
# Distribution



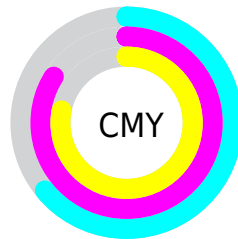
- Red (36%)
- Green (16%)
- Blue (22%)



- Red (36%)
- Yellow (16%)
- Blue (22%)



- Cyan (0%)
- Magenta (57%)
- Yellow (38%)
- Black (64%)



- Cyan (64%)
- Magenta (84%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C2839 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 5C2839 by changing the saturation by 10% instead.



 5C2839

 5C2839

FFFFFF

 431124

 905768

 2C000E

 AC7081

 000000

 C78A9B

 E4A5B6

 FFC0D1

 FFDCEE

 FFF9FF

 5C2839

 5C2839

■ 5C1F33

■ 5C313F

■ 5C162D

■ 5C3A45

■ 5C0C26

■ 5C444C

■ 5C0320

■ 5C4D52

■ 5C001E

■ 5C5658

■ 5C5F5E

■ 5C6864

■ 5C726B

■ 5C7B71

# Harmonies

## Analogous

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



512C4C



5C2839



5C2A26

# Triad

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



5C2839



303E16



00405B

# Complementary

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



5C2839



285C4B

# 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.



00424D



5C2839



154126

# Square

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



5C2839



433810



004339



133B60

# Rectangle

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



5C2839



572F1B



004339



004157



# Sweetspot

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



5C2839



78636A



4B285C



3D3135



BDBDBD



3D3D3D



# Same Dimension

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



5C2839



782641



5C3128



2E292B



6E0024



ED004E



# Inverse Universe

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



5C2839



782641



28535C



2E292B



6E0024

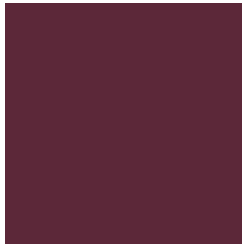


ED004E



# Previews

## White Background



This preview shows how the Hex color 5C2839 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

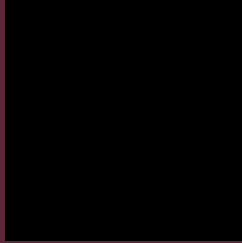
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5C2839 Background



This preview shows how black text looks on a background with the Hex color 5C2839.



This preview shows how white text looks on a background with the Hex color 5C2839.

# 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**  
5C2839

**Protanopia**  
383943

**Deuteranopia**  
413837



**Tritanopia**  
5B2A2D

# Trichromacy



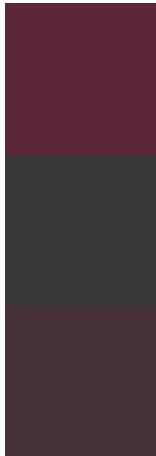
**Original Color**  
5C2839

**Protanomaly**  
45333F

**Deuteranomaly**  
4B3238

**Tritanomaly**  
5B2931

# Monochromacy



**Original Color**  
5C2839

**Achromatopsia**  
393939

**Achromatomaly**  
463339

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C2839 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 #5C2839 looks like.

```
.text, #text, p{  
    color:#5C2839  
}
```

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 #5C2839 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C2839
}
```

## Border

The CSS property to change the border of an element to Hex 5C2839 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
#5C2839 }
```

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

```
.border{ border-color:#5C2839 }
```

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

Here you see how a box with a 4 pixel #5C2839 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C2839; -webkit-box-shadow:4px 4px  
4px 4px #5C2839; box-shadow:4px 4px 4px  
4px #5C2839 }
```

# Background

The CSS property to change the background color of an element to Hex 5C2839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C2839 }
```

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

```
.background{ background-color:#5C2839 }
```

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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