

# Converting Colors

Hex(5C2343)

Have a look what the booklet for  
Hex(5C2343) contains.

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# Color

Hex(5C2343)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C2343
RGB	92, 35, 67
RGB Percent	36%, 14%, 26%
CMY	0.6392, 0.8627, 0.7373
CMYK	0.00, 0.62, 0.27, 0.64
HSL	326°, 45%, 25%
HSV	326°, 62%, 36%
XYZ	6.0278, 3.8826, 5.7419
YIQ	55.6910, 23.7000, 22.0360

# Conversions

## Conversions Part 2

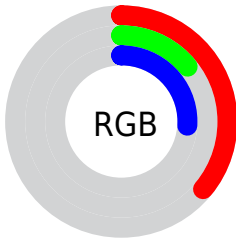
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 35, 67
Decimal	6038339
CIELab	23.28, 30.08, -7.28
CIELCh	23, 30.952, 346.403
Yxy	3.8826, 0.3851, 0.2481
Android (android.graphics.Color)	4284228419 (0xFF5C2343)
YUV	55.6910, 5.5753, 31.8430
Hunter-Lab	19.7044, 20.1225, -3.4842

# Details

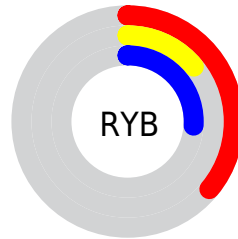
The Hex color **5C2343** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **235C3C**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **905373**, and **2C0019** is the 20% darker color. If you saturate the color by 10%, you get **5C1A3F**, and if you desaturate by 10%, it is **5C2C47**.

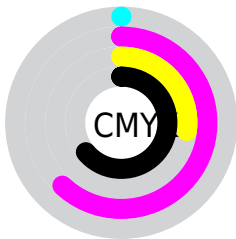
# Distribution



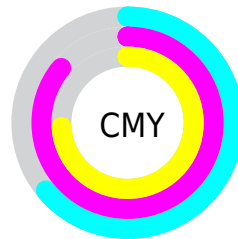
- Red (36%)
- Green (14%)
- Blue (26%)



- Red (36%)
- Yellow (14%)
- Blue (26%)



- Cyan (0%)
- Magenta (62%)
- Yellow (27%)
- Black (64%)



- Cyan (64%)
- Magenta (86%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C2343 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 5C2343 by changing the saturation by 10% instead.



 5C2343

 5C2343

FFFFFF

 430A2D

 905373

 2C0019

 AB6C8D

 030000

 C786A7

 000000

 E4A0C2

 FFBCDE

 FFD8FB

 FFF4FF

 5C2343

 5C2343

■ 5C1A3F

■ 5C2C47

■ 5C113B

■ 5C354B

■ 5C0737

■ 5C3F4F

■ 5C0034

■ 5C4853

■ 5C5157

■ 5C5A5B

■ 5C635F

■ 5C6D63

■ 5C7667

# Harmonies

## Analogous

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



492C58



5C2343



61222C

# Triad

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



5C2343



373A05



004159

# Complementary

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



5C2343



235C3C

# 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.



004344



5C2343



1C3F16

# Square

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



5C2343



4C3306



00422C



003D64

# Rectangle

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



5C2343



5E261D



00422C



004252



# Sweetspot

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



5C2343



78616E



3C235C



3D2F37



BDBDBD



3D3D3D



# Same Dimension

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



5C2343



781F51



5C2327



2E292C



6E003E



ED0085



# Inverse Universe

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



5C2343



781F51



235C58



2E292C



6E003E

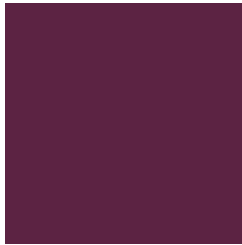


ED0085



# Previews

## White Background



This preview shows how the Hex color 5C2343 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

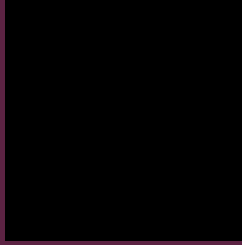
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C2343 Background



This preview shows how black text looks on a background with the Hex color 5C2343.



This preview shows how white text looks on a background with the Hex color 5C2343.

# 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**  
5C2343

**Protanopia**  
303852

**Deuteranopia**  
3A3740



**Tritanopia**  
5A292B

# Trichromacy



**Original Color**  
5C2343

**Protanomaly**  
40304D

**Deuteranomaly**  
463041

**Tritanomaly**  
5B2734

# Monochromacy



**Original Color**  
5C2343

**Achromatopsia**  
383838

**Achromatomaly**  
45303C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C2343 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 #5C2343 looks like.

```
.text, #text, p{  
    color:#5C2343  
}
```

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 #5C2343 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C2343
}
```

## Border

The CSS property to change the border of an element to Hex 5C2343 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
#5C2343 }
```

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

```
.border{ border-color:#5C2343 }
```

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

Here you see how a box with a 4 pixel #5C2343 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C2343; -webkit-box-shadow:4px 4px  
4px 4px #5C2343; box-shadow:4px 4px 4px  
4px #5C2343 }
```

# Background

The CSS property to change the background color of an element to Hex 5C2343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C2343 }
```

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

```
.background{ background-color:#5C2343 }
```

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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