

# Converting Colors

Hex(5B2842)

Have a look what the booklet for  
Hex(5B2842) contains.

<b>Hex(5B2842)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(5B2842)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B2842
RGB	91, 40, 66
RGB Percent	36%, 16%, 26%
CMY	0.6431, 0.8431, 0.7412
CMYK	0.00, 0.56, 0.27, 0.64
HSL	329°, 39%, 26%
HSV	329°, 56%, 36%
XYZ	6.0565, 4.1351, 5.6332
YIQ	58.2130, 22.0500, 18.8980

# Conversions

## Conversions Part 2

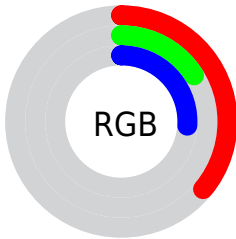
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 40, 66
Decimal	5974082
CIELab	24.11, 26.81, -5.36
CIELCh	24, 27.340, 348.687
Yxy	4.1351, 0.3827, 0.2613
Android (android.graphics.Color)	4284164162 (0xFF5B2842)
YUV	58.2130, 3.8390, 28.7542
Hunter-Lab	20.3349, 17.5784, -2.1901

# Details

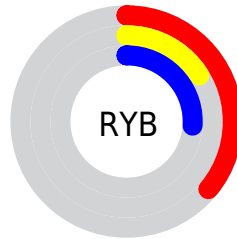
The Hex color **5B2842** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **285B41**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **8F5772**, and **2C0018** is the 20% darker color. If you saturate the color by 10%, you get **5B1F3E**, and if you desaturate by 10%, it is **5B3146**.

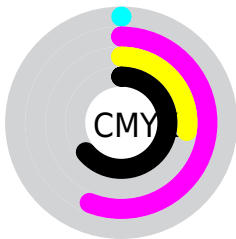
# Distribution



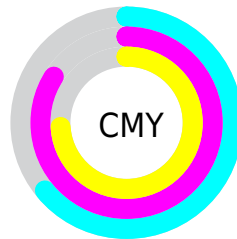
- Red (36%)
- Green (16%)
- Blue (26%)



- Red (36%)
- Yellow (16%)
- Blue (26%)



- Cyan (0%)
- Magenta (56%)
- Yellow (27%)
- Black (64%)



- Cyan (64%)
- Magenta (84%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B2842 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 5B2842 by changing the saturation by 10% instead.



 5B2842

 5B2842

FFFFFF

 42112C

 8F5772

 2C0018

 AA708B

 040000

 C68AA6

 000000

 E2A5C1

 FFC0DD

 FFDCF9

 FFF9FF

 5B2842

 5B2842

■ 5B1F3E

■ 5B3146

■ 5B1639

■ 5B3A4B

■ 5B0D35

■ 5B434F

■ 5B0430

■ 5B4C54

■ 5B002E

■ 5B5658

■ 5B5F5D

■ 5B6861

■ 5B7166

■ 5B7A6A

# Harmonies

## Analogous

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



4B2F55



5B2842



5F282D

# Triad

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



5B2842



383C10



004258

# Complementary

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



5B2842



285B41

# 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.



004346



5B2842



20411D

# Square

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



5B2842



4B360F



004331



003E61

# Rectangle

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



5B2842



5C2B21



004331



004352



# Sweetspot

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



5B2842



75616C



41285B



3B2F35



BABABA



3B3B3B



# Same Dimension

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



5B2842



75274F



5B2829



2E292C



6E0038



ED0079



# Inverse Universe

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



5B2842



75274F



285B5A



2E292C



6E0038

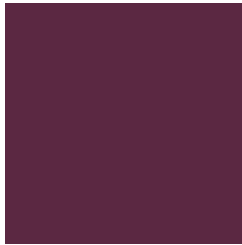


ED0079



# Previews

## White Background



This preview shows how the Hex color 5B2842 looks on a white background.

## Color Contrast Check

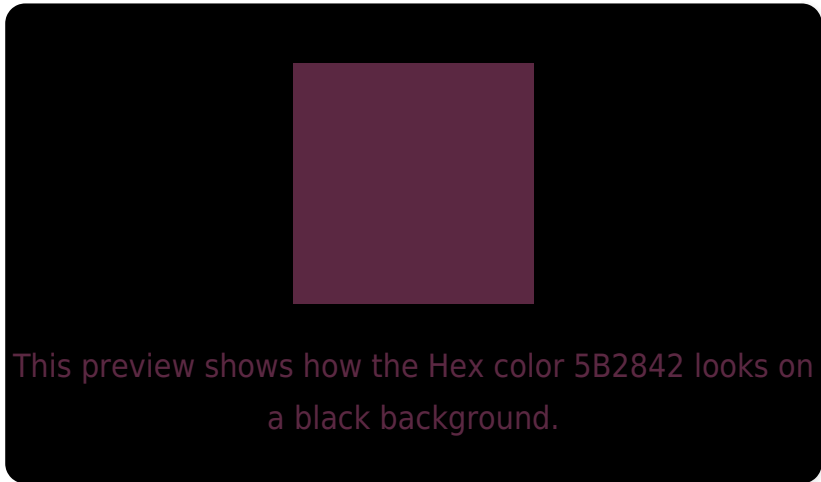
Large Text (above 18pt) WCAG AA ✓ Pass

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

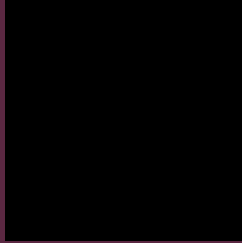
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5B2842 Background



This preview shows how black text looks on a background with the Hex color 5B2842.



This preview shows how white text looks on a background with the Hex color 5B2842.

# 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**  
5B2842

**Protanopia**  
34394E

**Deuteranopia**  
3D383F



**Tritanopia**  
592C2F

# Trichromacy



**Original Color**  
5B2842

**Protanomaly**  
42334A

**Deuteranomaly**  
483240

**Tritanomaly**  
5A2B36

# Monochromacy



**Original Color**  
5B2842

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
46333D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B2842 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 #5B2842 looks like.

```
.text, #text, p{  
    color:#5B2842  
}
```

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 #5B2842 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B2842
}
```

## Border

The CSS property to change the border of an element to Hex 5B2842 is called "border". The border property can be set on classes, ids or directly on the HTML element.

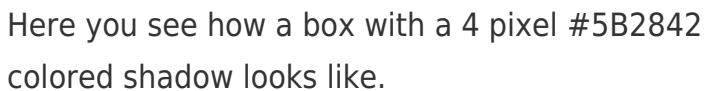
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B2842 }
```

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

```
.border{ border-color:#5B2842 }
```

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



Here you see how a box with a 4 pixel #5B2842 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B2842; -webkit-box-shadow:4px 4px  
4px 4px #5B2842; box-shadow:4px 4px 4px  
4px #5B2842 }
```

# Background

The CSS property to change the background color of an element to Hex 5B2842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B2842 }
```

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

```
.background{ background-color:#5B2842 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor