

Converting Colors

Hex(5B345C)

Have a look what the booklet for
Hex(5B345C) contains.

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Color

Hex(5B345C)

Conversions

Conversions Part 1

Format	Color
Hex	5B345C
RGB	91, 52, 92
RGB Percent	36%, 20%, 36%
CMY	0.6431, 0.7961, 0.6392
CMYK	0.01, 0.43, 0.00, 0.64
HSL	298°, 28%, 28%
HSV	298°, 43%, 36%
XYZ	7.4741, 5.4528, 10.7838
YIQ	68.2210, 10.4040, 20.7080

Conversions

Conversions Part 2

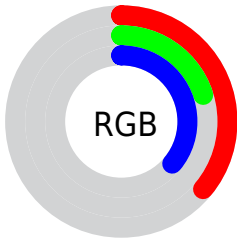
Format	Color
R_{YB}	91, 52, 92
Decimal	5977180
CIE _{Lab}	27.99, 24.61, -16.69
CIE _{LCh}	28, 29.737, 325.851
Yxy	5.4528, 0.3152, 0.2300
Android (android.graphics.Color)	4284167260 (0xFF5B345C)
YUV	68.2210, 11.7230, 19.9772
Hunter-Lab	23.3513, 16.2684, -11.0346

Details

The Hex color **5B345C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **355C34**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **8E648E**, and **2C072E** is the 20% darker color. If you saturate the color by 10%, you get **5B2B5C**, and if you desaturate by 10%, it is **5B3D5C**.

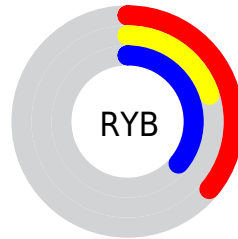
Distribution



Red (36%)

Green (20%)

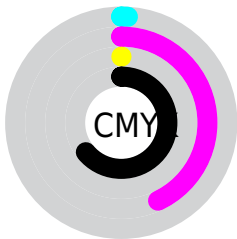
Blue (36%)



Red (36%)

Yellow (20%)

Blue (36%)

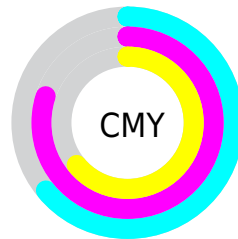


Cyan (1%)

Magenta (43%)

Yellow (0%)

Black (64%)



Cyan (64%)

Magenta (80%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B345C 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 5B345C by changing the saturation by 10% instead.

■ 5B345C

■ 5B345C

FFFFFF

■ 431E44

■ 8E648E

■ 2C072E

■ A97DA9

■ 160019

■ C497C4

■ 000000

■ E1B2E0

■ FDCEFD

■ FFEAFF

■ 5B345C

■ 5B345C

■ 5B2B5C

■ 5B3D5C

■ 5B225C

■ 5B465C

■ 5A185C

■ 5C505C

■ 5A0F5C

■ 5C595C

■ 5A065C

■ 5C625C

■ 5A005C

■ 5C6B5C

■ 5D745C

■ 5D7E5C

■ 5D875C

Harmonies

Analogous

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



3E3D6B



5B345C



6A2E46

Triad

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



5B345C



514012



004D55

Complementary

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



5B345C



355C34

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.



004D3E



5B345C



3B4716

Square

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



5B345C



62371C



1E4B27



004B67

Rectangle

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



5B345C



6C2E37



1E4B27



004D4E

Sweetspot

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



5B345C



776878



34355C



3D333D



BDBDBD



3D3D3D

Same Dimension

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



5B345C



763A78



5C3449



2E292E



6B006E



E700ED

Inverse Universe

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



5C3435



783A3B



345C47



2E2929



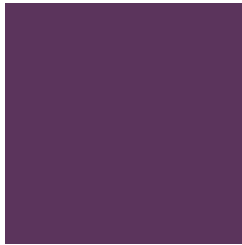
6E0003



ED0006

Previews

White Background



This preview shows how the Hex color 5B345C looks on a white background.

Color Contrast Check

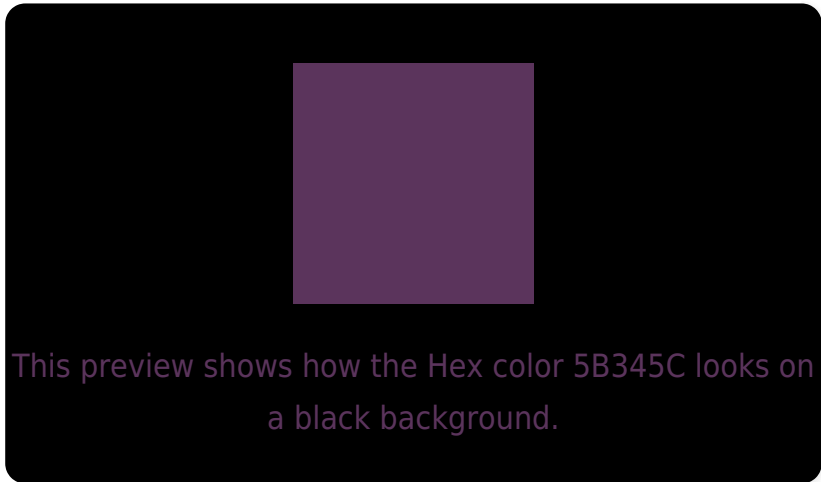
Large Text (above 18pt) WCAG AA ✓ Pass

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

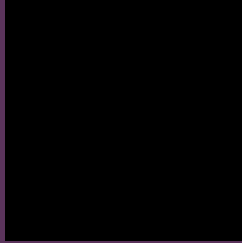
Any Text WCAG AA × Fail

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 5B345C Background



This preview shows how black text looks on a background with the Hex color 5B345C.



This preview shows how white text looks on a background with the Hex color 5B345C.

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
5B345C

Protanopia
354167

Deuteranopia
3C425A



Tritanopia
573A3F

Trichromacy



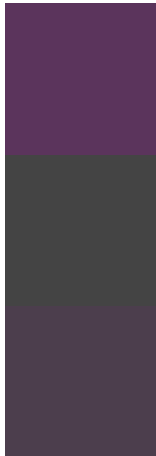
Original Color
5B345C

Protanomaly
433C63

Deuteranomaly
473D5B

Tritanomaly
58384A

Monochromacy



Original Color
5B345C

Achromatopsia
444444

Achromatomaly
4C3E4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B345C 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 #5B345C looks like.

```
.text, #text, p{  
    color:#5B345C  
}
```

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 #5B345C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B345C
}
```

Border

The CSS property to change the border of an element to Hex 5B345C is called "border". The border property can be set on classes, ids or directly on the HTML element.

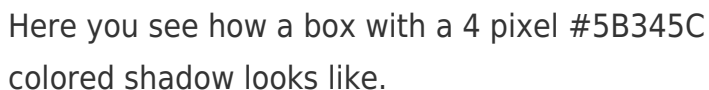
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B345C }
```

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

```
.border{ border-color:#5B345C }
```

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



Here you see how a box with a 4 pixel #5B345C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B345C; -webkit-box-shadow:4px 4px  
4px 4px #5B345C; box-shadow:4px 4px 4px  
4px #5B345C }
```

Background

The CSS property to change the background color of an element to Hex 5B345C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B345C }
```

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

```
.background{ background-color:#5B345C }
```

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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