

Converting Colors

Hex(5C345C)

Have a look what the booklet for
Hex(5C345C) contains.

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Color

Hex(5C345C)

Conversions

Conversions Part 1

Format	Color
Hex	5C345C
RGB	92, 52, 92
RGB Percent	36%, 20%, 36%
CMY	0.6392, 0.7961, 0.6392
CMYK	0.00, 0.43, 0.00, 0.64
HSL	300°, 28%, 28%
HSV	300°, 43%, 36%
XYZ	7.5734, 5.5040, 10.7884
YIQ	68.5200, 11.0000, 20.9200

Conversions

Conversions Part 2

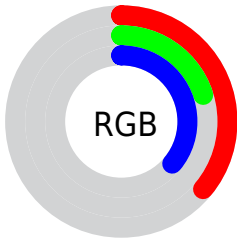
Format	Color
RYB	92, 52, 92
Decimal	6042716
CIELab	28.12, 24.96, -16.47
CIELCh	28, 29.906, 326.584
Yxy	5.5040, 0.3173, 0.2306
Android (android.graphics.Color)	4284232796 (0xFF5C345C)
YUV	68.5200, 11.5756, 20.5920
Hunter-Lab	23.4606, 16.5661, -10.8423

Details

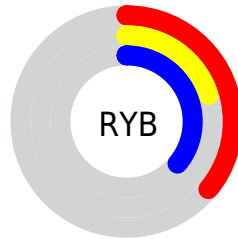
The Hex color **5C345C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **345C34**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **8F648E**, and **2D072E** is the 20% darker color. If you saturate the color by 10%, you get **5C2B5C**, and if you desaturate by 10%, it is **5C3D5C**.

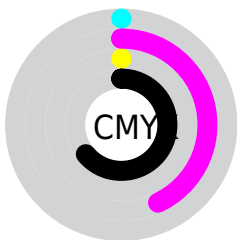
Distribution



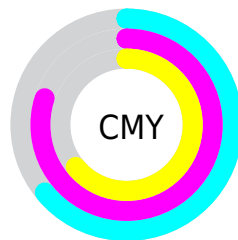
- Red (36%)
- Green (20%)
- Blue (36%)



- Red (36%)
- Yellow (20%)
- Blue (36%)



- Cyan (0%)
- Magenta (43%)
- Yellow (0%)
- Black (64%)



- Cyan (64%)
- Magenta (80%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C345C 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 5C345C by changing the saturation by 10% instead.

■ 5C345C

■ 5C345C

FFFFFF

■ 441E44

■ 8F648E

■ 2D072E

■ AA7DA9

■ 170019

■ C697C4

■ 000000

■ E2B2E0

■ FFCEFD

■ FFEAFF

■ 5C345C

■ 5C345C

■ 5C2B5C

■ 5C3D5C

 5C225C

 5C465C

 5C185C

 5C505C

 5C0F5C

 5C595C

 5C065C

 5C625C

 5C005C

 5C6B5C

 5C745C

 5C7E5C

 5C875C

Harmonies

Analogous

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



3F3D6C



5C345C



6B2E46

Triad

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



5C345C



514012



004D56

Complementary

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



5C345C



345C34

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.



004D3F



5C345C



3B4717

Square

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



5C345C



63381C



1D4B28



004B68

Rectangle

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



5C345C



6D2E36



1D4B28



004E4F

Sweetspot

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



5C345C



786878



34345C



3D333D



BDBDBD



3D3D3D

Same Dimension

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



5C345C



783A78



5C3448



2E292E



6E006E



ED00ED

Inverse Universe

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



5C345C



783A78



345C48



2E292E



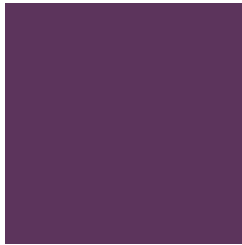
6E006E



ED00ED

Previews

White Background



This preview shows how the Hex color 5C345C looks on a white background.

Color Contrast Check

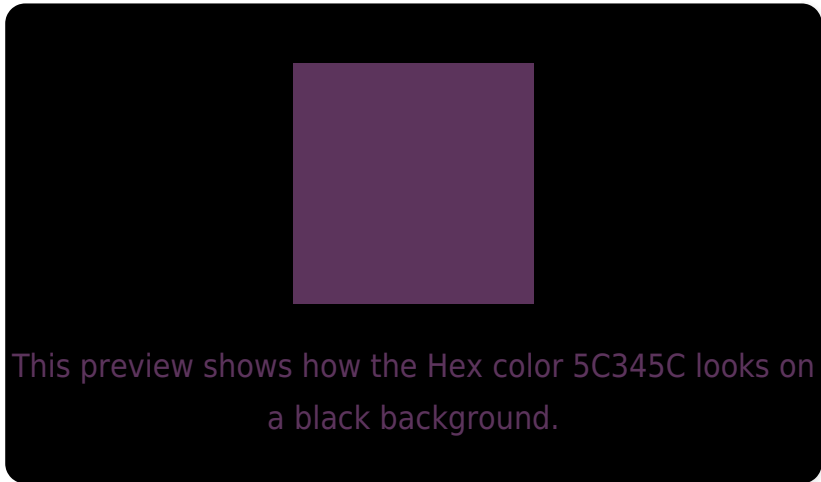
Large Text (above 18pt) WCAG AA ✓ Pass

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

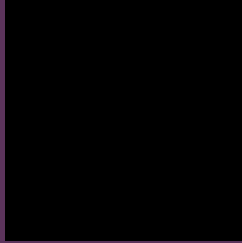
Any Text WCAG AA × Fail

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 5C345C Background



This preview shows how black text looks on a background with the Hex color 5C345C.



This preview shows how white text looks on a background with the Hex color 5C345C.

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](#).

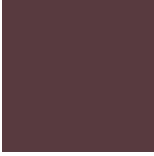
Dichromacy



Original Color
5C345C

Protanopia
354267

Deuteranopia
3D4259



Tritanopia
583A3F

Trichromacy



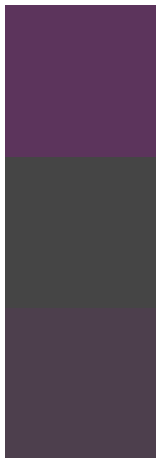
Original Color
5C345C

Protanomaly
433D63

Deuteranomaly
483D5A

Tritanomaly
59384A

Monochromacy



Original Color
5C345C

Achromatopsia
454545

Achromatomaly
4D3F4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C345C 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 #5C345C looks like.

```
.text, #text, p{  
    color:#5C345C  
}
```

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 #5C345C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C345C
}
```

Border

The CSS property to change the border of an element to Hex 5C345C is called "border". The border property can be set on classes, ids or directly on the HTML element.

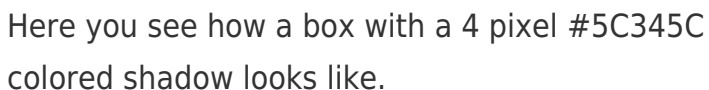
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C345C }
```

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

```
.border{ border-color:#5C345C }
```

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



Here you see how a box with a 4 pixel #5C345C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C345C; -webkit-box-shadow:4px 4px  
4px 4px #5C345C; box-shadow:4px 4px 4px  
4px #5C345C }
```

Background

The CSS property to change the background color of an element to Hex 5C345C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C345C }
```

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

```
.background{ background-color:#5C345C }
```

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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