

Converting Colors

Hex(5D345C)

Have a look what the booklet for
Hex(5D345C) contains.

Hex(5D345C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5D345C)

Conversions

Conversions Part 1

Format	Color
Hex	5D345C
RGB	93, 52, 92
RGB Percent	36%, 20%, 36%
CMY	0.6353, 0.7961, 0.6392
CMYK	0.00, 0.44, 0.01, 0.64
HSL	301°, 28%, 28%
HSV	301°, 44%, 36%
XYZ	7.6740, 5.5558, 10.7931
YIQ	68.8190, 11.5960, 21.1320

Conversions

Conversions Part 2

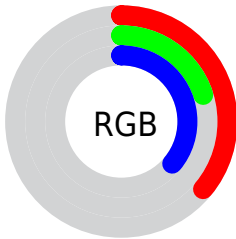
Format	Color
R_{YB}	93, 52, 92
Decimal	6108252
CIE _{Lab}	28.26, 25.32, -16.24
CIE _{LCh}	28, 30.079, 327.312
Yxy	5.5558, 0.3194, 0.2313
Android (android.graphics.Color)	4284298332 (0xFF5D345C)
YUV	68.8190, 11.4282, 21.2067
Hunter-Lab	23.5708, 16.8653, -10.6494

Details

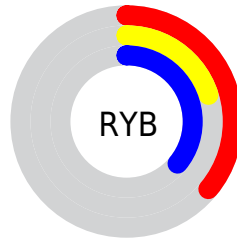
The Hex color **5D345C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **345D35**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **90648E**, and **2D072E** is the 20% darker color. If you saturate the color by 10%, you get **5D2B5C**, and if you desaturate by 10%, it is **5D3D5C**.

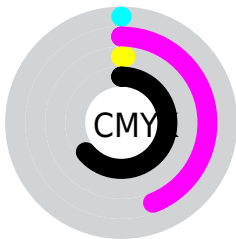
Distribution



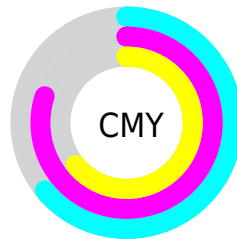
- Red (36%)
- Green (20%)
- Blue (36%)



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



- Cyan (0%)
- Magenta (44%)
- Yellow (1%)
- Black (64%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 5D345C 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 5D345C by changing the saturation by 10% instead.

 5D345C

 5D345C

FFFFFF

 451D44

 90648E

 2D072E

 AB7DA9

 19001A

 C797C4

 000000

 E3B2E0

 FFCEFD

 FFEAFF

 5D345C

 5D345C

 5D2B5C

 5D3D5C

■ 5D215C

■ 5D475C

■ 5D185B

■ 5D505D

■ 5D0F5B

■ 5D595D

■ 5D055B

■ 5D625D

■ 5D005B

■ 5D6C5D

■ 5D755E

■ 5D7E5E

■ 5D885E

Harmonies

Analogous

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



403D6C



5D345C



6B2E46

Triad

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



5D345C



514112



004E57

Complementary

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



5D345C



345D35

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.



004E40



5D345C



3A4817

Square

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



5D345C



63381C



1C4C29



004B69

Rectangle

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



5D345C



6E2F36



1C4C29



004E50

Sweetspot

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



5D345C



786877



35345D



3D333D



BDBDBD



3D3D3D

Same Dimension

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



5D345C



783876



5D3448



2E292E



6E006B



ED00E7

Inverse Universe

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



5D345C



783876



345D49



2E292E



6E006B



ED00E7

Previews

White Background



This preview shows how the Hex color 5D345C looks on a white background.

Color Contrast Check

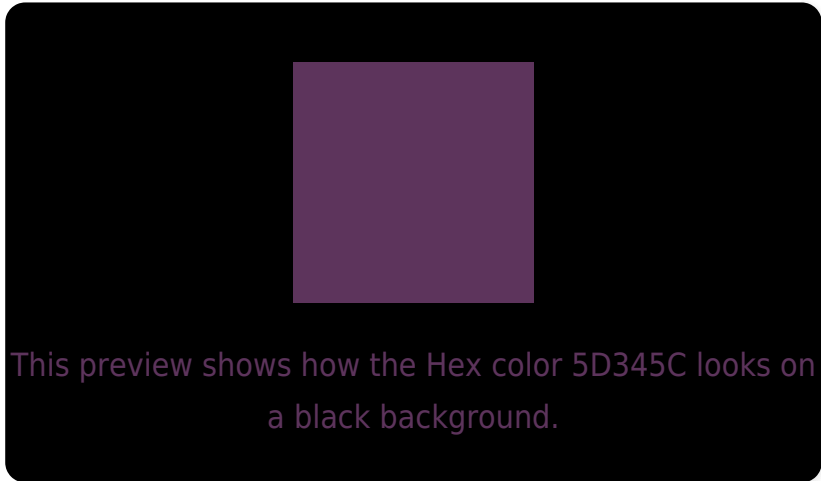
Large Text (above 18pt) WCAG AA ✓ Pass

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

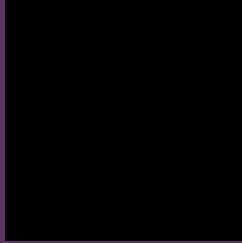
Any Text WCAG AA × Fail

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 5D345C Background



This preview shows how black text looks on a background with the Hex color 5D345C.



This preview shows how white text looks on a background with the Hex color 5D345C.

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
5D345C

Protanopia
364267

Deuteranopia
3D4259



Tritanopia
593A3F

Trichromacy



Original Color
5D345C

Protanomaly
443D63

Deuteranomaly
493D5A

Tritanomaly
5A384A

Monochromacy



Original Color
5D345C

Achromatopsia
454545

Achromatomaly
4E3F4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D345C 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 #5D345C looks like.

```
.text, #text, p{  
    color:#5D345C  
}
```

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 #5D345C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D345C
}
```

Border

The CSS property to change the border of an element to Hex 5D345C is called "border". The border property can be set on classes, ids or directly on the HTML element.

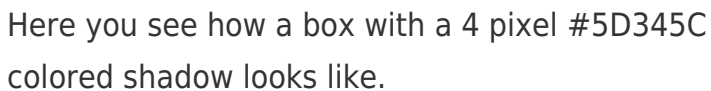
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D345C }
```

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

```
.border{ border-color:#5D345C }
```

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



Here you see how a box with a 4 pixel #5D345C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D345C; -webkit-box-shadow:4px 4px  
4px 4px #5D345C; box-shadow:4px 4px 4px  
4px #5D345C }
```

Background

The CSS property to change the background color of an element to Hex 5D345C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D345C }
```

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

```
.background{ background-color:#5D345C }
```

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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