

Converting Colors

Hex(5B355C)

Have a look what the booklet for
Hex(5B355C) contains.

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Color

Hex(5B355C)

Conversions

Conversions Part 1

Format	Color
Hex	5B355C
RGB	91, 53, 92
RGB Percent	36%, 21%, 36%
CMY	0.6431, 0.7922, 0.6392
CMYK	0.01, 0.42, 0.00, 0.64
HSL	298°, 27%, 28%
HSV	298°, 42%, 36%
XYZ	7.5193, 5.5431, 10.7988
YIQ	68.8080, 10.1290, 20.1850

Conversions

Conversions Part 2

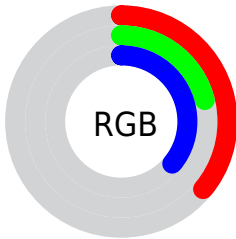
Format	Color
RYB	91, 53, 92
Decimal	5977436
CIELab	28.23, 24.00, -16.32
CIELCh	28, 29.023, 325.784
Yxy	5.5431, 0.3151, 0.2323
Android (android.graphics.Color)	4284167516 (0xFF5B355C)
YUV	68.8080, 11.4337, 19.4624
Hunter-Lab	23.5437, 15.8068, -10.7140

Details

The Hex color **5B355C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **365C35**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **8E658E**, and **2C092E** is the 20% darker color. If you saturate the color by 10%, you get **5B2C5C**, and if you desaturate by 10%, it is **5B3E5C**.

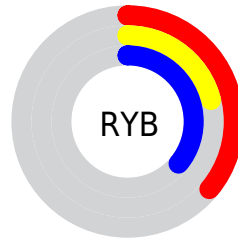
Distribution



 Red (36%)

 Green (21%)

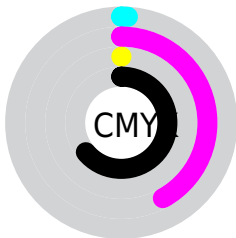
 Blue (36%)




 Red (36%)

 Yellow (21%)

 Blue (36%)

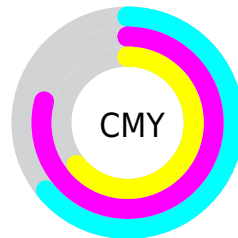


 Cyan (1%)

 Magenta (42%)

 Yellow (0%)

 Black (64%)



 Cyan (64%)

 Magenta (79%)

 Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B355C 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 5B355C by changing the saturation by 10% instead.

■ 5B355C

■ 5B355C

FFFFFF

■ 431F44

■ 8E658E

■ 2C092E

■ A97EA9

■ 17001A

■ C498C4

■ 000000

■ E1B3E0

■ FDCFFD

■ FFEBFF

■ 5B355C

■ 5B355C

■ 5B2C5C

■ 5B3E5C

■ 5B235C

■ 5B475C

■ 5A195C

■ 5C515C

■ 5A105C

■ 5C5A5C

■ 5A075C

■ 5C635C

■ 5A005C

■ 5C6C5C

■ 5D755C

■ 5D7F5C

■ 5D885C

Harmonies

Analogous

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



3E3E6B



5B355C



6A2F47

Triad

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



5B355C



524014



004D55

Complementary

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



5B355C



365C35

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



5B355C



3C4718

Square

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



5B355C



63381E



204B28



004B67

Rectangle

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



5B355C



6C2F38



204B28



004E4E

Sweetspot

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



5B355C



776878



35365C



3D333D



BDBDBD



3D3D3D

Same Dimension

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



5B355C



763B78



5C354A



2E292E



6B006E



E700ED

Inverse Universe

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



5C3536



783B3C



355C47



2E2929



6E0003



ED0006

Previews

White Background



This preview shows how the Hex color 5B355C looks on a white background.

Color Contrast Check

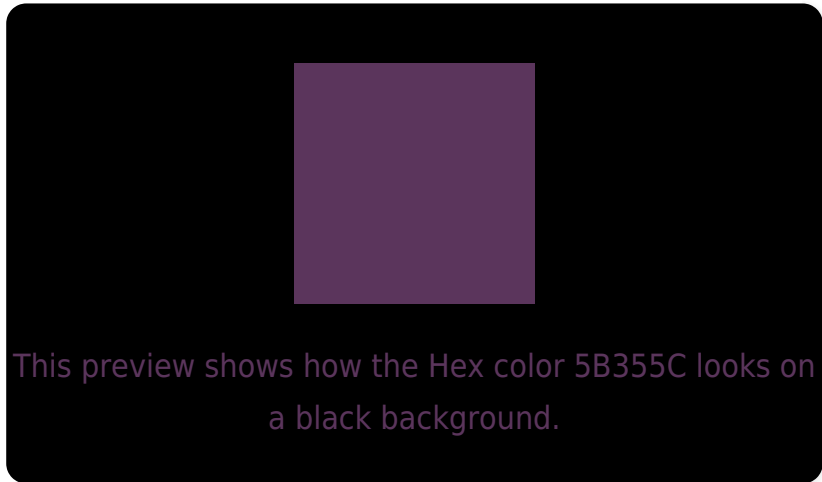
Large Text (above 18pt) WCAG AA ✓ Pass

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

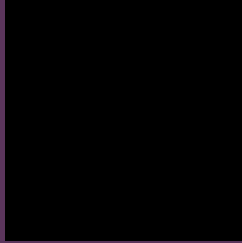
Any Text WCAG AA × Fail

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 5B355C Background



This preview shows how black text looks on a background with the Hex color 5B355C.



This preview shows how white text looks on a background with the Hex color 5B355C.

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
5B355C

Protanopia
364266

Deuteranopia
3D425A



Tritanopia
573B40

Trichromacy



Original Color
5B355C

Protanomaly
433D62

Deuteranomaly
483D5B

Tritanomaly
58394A

Monochromacy



Original Color
5B355C

Achromatopsia
454545

Achromatomaly
4D3F4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B355C 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 #5B355C looks like.

```
.text, #text, p{  
    color:#5B355C  
}
```

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 #5B355C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B355C
}
```

Border

The CSS property to change the border of an element to Hex 5B355C is called "border". The border property can be set on classes, ids or directly on the HTML element.

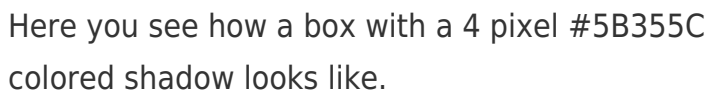
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B355C }
```

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

```
.border{ border-color:#5B355C }
```

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



Here you see how a box with a 4 pixel #5B355C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B355C; -webkit-box-shadow:4px 4px  
4px 4px #5B355C; box-shadow:4px 4px 4px  
4px #5B355C }
```

Background

The CSS property to change the background color of an element to Hex 5B355C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B355C }
```

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

```
.background{ background-color:#5B355C }
```

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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