

Converting Colors

Hex(5B333A)

Have a look what the booklet for
Hex(5B333A) contains.

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Color

Hex(5B333A)

Conversions

Conversions Part 1

Format	Color
Hex	5B333A
RGB	91, 51, 58
RGB Percent	36%, 20%, 23%
CMY	0.6431, 0.8000, 0.7725
CMYK	0.00, 0.44, 0.36, 0.64
HSL	350°, 28%, 28%
HSV	350°, 44%, 36%
XYZ	6.2619, 4.8973, 4.6182
YIQ	63.7580, 21.5930, 10.6570

Conversions

Conversions Part 2

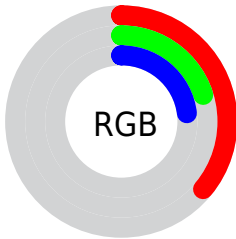
Format	Color
RYB	91, 51, 58
Decimal	5976890
CIELab	26.44, 19.01, 3.42
CIElCh	26, 19.316, 10.211
Yxy	4.8973, 0.3969, 0.3104
Android (android.graphics.Color)	4284166970 (0xFF5B333A)
YUV	63.7580, -2.8387, 23.8912
Hunter-Lab	22.1298, 11.7818, 3.1178

Details

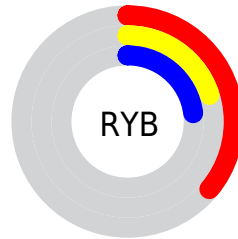
The Hex color **5B333A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **335B54**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **8F6269**, and **2B070F** is the 20% darker color. If you saturate the color by 10%, you get **5B2A32**, and if you desaturate by 10%, it is **5B3C42**.

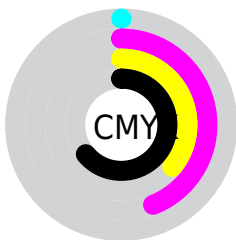
Distribution



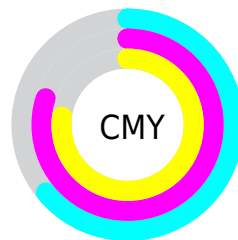
- Red (36%)
- Green (20%)
- Blue (23%)



- Red (36%)
- Yellow (20%)
- Blue (23%)



- Cyan (0%)
- Magenta (44%)
- Yellow (36%)
- Black (64%)



- Cyan (64%)
- Magenta (80%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B333A 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 5B333A by changing the saturation by 10% instead.

■ 5B333A

■ 5B333A

FFFFFF

■ 431D24

■ 8F6269

■ 2B070F

■ AA7B82

■ 0A0000

■ C5959C

■ 000000

■ E2B0B7

■ FFCCD3

■ FFE8EF

■ 5B333A

■ 5B333A

■ 5B2A32

■ 5B3C42

■ 5B212B

■ 5B4549

■ 5B1823

■ 5B4E51

■ 5B0F1C

■ 5B5758

■ 5B0614

■ 5B6160

■ 5B0010

■ 5B6A67

■ 5B736F

■ 5B7C76

■ 5B857E

Harmonies

Analogous

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



553449



5B333A



59352C

Triad

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



5B333A



334328



16435A

Complementary

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



5B333A



335B54

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.



004551



5B333A



214634

Square

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



5B333A



433F21



094643



313E5B

Rectangle

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



5B333A



543925



094643



0C4458

Sweetspot

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



5B333A



756669



54335B



3B3133



BABABA



3B3B3B

Same Dimension

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



5B333A



753742



5B4033



2E292A



6E0013



ED002A

Inverse Universe

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



5B333A



753742



334E5B



2E292A



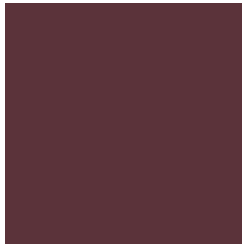
6E0013



ED002A

Previews

White Background



This preview shows how the Hex color 5B333A looks on a white background.

Color Contrast Check

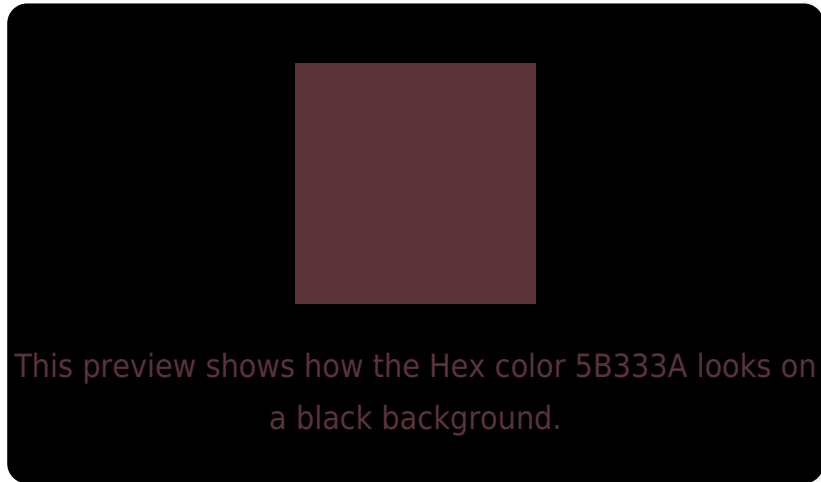
Large Text (above 18pt) WCAG AA ✓ Pass

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

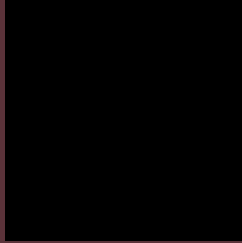
Any Text WCAG AA × Fail

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 5B333A Background



This preview shows how black text looks on a background with the Hex color 5B333A.



This preview shows how white text looks on a background with the Hex color 5B333A.

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
5B333A

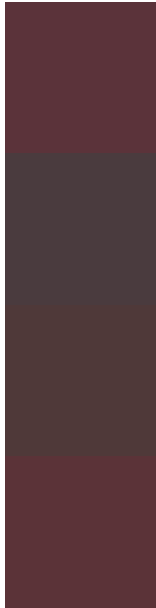
Protanopia
403F40

Deuteranopia
483D38



Tritanopia
5B3337

Trichromacy



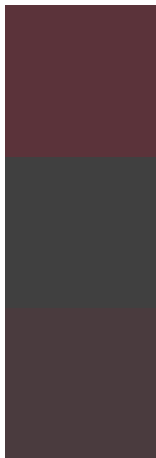
Original Color
5B333A

Protanomaly
4A3B3E

Deuteranomaly
4F3939

Tritanomaly
5B3338

Monochromacy



Original Color
5B333A

Achromatopsia
404040

Achromatomaly
4A3B3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B333A 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 #5B333A looks like.

```
.text, #text, p{  
    color:#5B333A  
}
```

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 #5B333A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B333A
}
```

Border

The CSS property to change the border of an element to Hex 5B333A 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
#5B333A }
```

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

```
.border{ border-color:#5B333A }
```

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

Here you see how a box with a 4 pixel #5B333A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B333A; -webkit-box-shadow:4px 4px  
4px 4px #5B333A; box-shadow:4px 4px 4px  
4px #5B333A }
```

Background

The CSS property to change the background color of an element to Hex 5B333A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B333A }
```

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

```
.background{ background-color:#5B333A }
```

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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