

Converting Colors

Hex(5C3346)

Have a look what the booklet for
Hex(5C3346) contains.

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Color

Hex(5C3346)

Conversions

Conversions Part 1

Format	Color
Hex	5C3346
RGB	92, 51, 70
RGB Percent	36%, 20%, 27%
CMY	0.6392, 0.8000, 0.7255
CMYK	0.00, 0.45, 0.24, 0.64
HSL	332°, 29%, 28%
HSV	332°, 45%, 36%
XYZ	6.7030, 5.0852, 6.4226
YIQ	65.4250, 18.3370, 14.6010

Conversions

Conversions Part 2

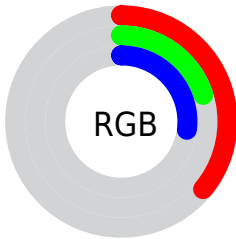
Format	Color
RYB	92, 51, 70
Decimal	6042438
CIELab	26.98, 21.33, -3.76
CIELCh	27, 21.663, 350.012
Yxy	5.0852, 0.3681, 0.2792
Android (android.graphics.Color)	4284232518 (0xFF5C3346)
YUV	65.4250, 2.2555, 23.3063
Hunter-Lab	22.5503, 13.5951, -1.1013




Details

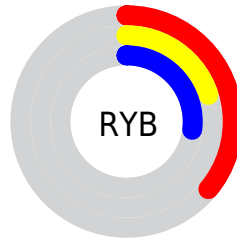
The Hex color **5C3346** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **335C49**, and the grayscale version is **414141**.



A 20% lighter version of the original color is **8F6276**, and **2C071B** is the 20% darker color. If you saturate the color by 10%, you get **5C2A41**, and if you desaturate by 10%, it is **5C3C4B**.

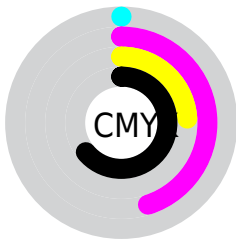
Distribution







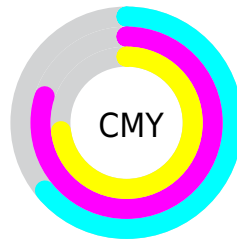
-  Red (36%)
-  Green (20%)
-  Blue (27%)






-  Red (36%)
-  Yellow (20%)
-  Blue (27%)



-  Cyan (0%)
-  Magenta (45%)
-  Yellow (24%)
-  Black (64%)



-  Cyan (64%)
-  Magenta (80%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C3346 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 5C3346 by changing the saturation by 10% instead.

■ 5C3346

■ 5C3346

FFFFFF

■ 441D30

■ 8F6276

■ 2C071B

■ AA7C90

■ 130000

■ C696AA

■ 000000

■ E2B0C6

■ FFCCE2

■ FFE8FE

■ 5C3346

■ 5C3346

■ 5C2A41

■ 5C3C4B

■ 5C213C

■ 5C4550

■ 5C1737

■ 5C4F55

■ 5C0E32

■ 5C585A

■ 5C052D

■ 5C615F

■ 5C002B

■ 5C6A64

■ 5C7369

■ 5C7D6D

■ 5C8672

Harmonies

Analogous

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



4F3755



5C3346



603335

Triad

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



5C3346



3F4220



004759

Complementary

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



5C3346



335C49

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.



00484B



5C3346



2C462A

Square

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



5C3346



4F3D1F



134839



1A4360

Rectangle

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



5C3346



5D352B



134839



004755

Sweetspot

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



5C3346



78686F



49335C



3D3338



BDBDBD



3D3D3D

Same Dimension

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



5C3346



783856



5C3433



2E292B



6E0033



ED006E

Inverse Universe

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



5C3346



783856



335B5C



2E292B



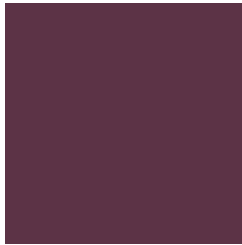
6E0033



ED006E

Previews

White Background



This preview shows how the Hex color 5C3346 looks on a white background.

Color Contrast Check

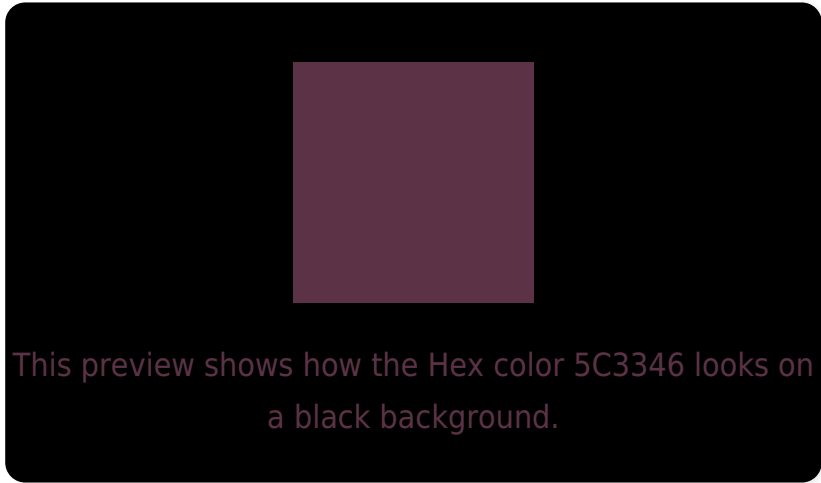
Large Text (above 18pt) WCAG AA ✓ Pass

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

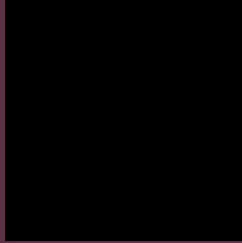
Any Text WCAG AA × Fail

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 5C3346 Background



This preview shows how black text looks on a background with the Hex color 5C3346.



This preview shows how white text looks on a background with the Hex color 5C3346.

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
5C3346

Protanopia
3D404E

Deuteranopia
453E44



Tritanopia
5B3539

Trichromacy



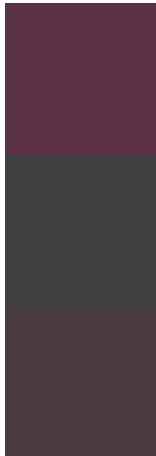
Original Color
5C3346

Protanomaly
483B4B

Deuteranomaly
4D3A45

Tritanomaly
5B343E

Monochromacy



Original Color
5C3346

Achromatopsia
414141

Achromatomaly
4B3C43

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C3346 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 #5C3346 looks like.

```
.text, #text, p{  
    color:#5C3346  
}
```

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 #5C3346 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C3346
}
```

Border

The CSS property to change the border of an element to Hex 5C3346 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".

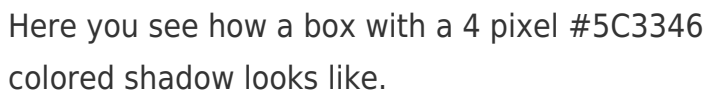
```
.border, #border, table{ border:4px solid
#5C3346 }
```

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

```
.border{ border-color:#5C3346 }
```

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

Here you see how a box with a 4 pixel #5C3346 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border. Below the box, there is a thick dark purple horizontal bar. The shadow is a dark purple rectangle that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C3346; -webkit-box-shadow:4px 4px  
4px 4px #5C3346; box-shadow:4px 4px 4px  
4px #5C3346 }
```

Background

The CSS property to change the background color of an element to Hex 5C3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C3346 }
```

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

```
.background{ background-color:#5C3346 }
```

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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