

Converting Colors

Hex(5A3341)

Have a look what the booklet for
Hex(5A3341) contains.

Hex(5A3341)	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(5A3341)

Conversions

Conversions Part 1

Format	Color
Hex	5A3341
RGB	90, 51, 65
RGB Percent	35%, 20%, 25%
CMY	0.6471, 0.8000, 0.7451
CMYK	0.00, 0.43, 0.28, 0.65
HSL	338°, 28%, 28%
HSV	338°, 43%, 35%
XYZ	6.3544, 4.9230, 5.6163
YIQ	64.2570, 18.7500, 12.6220

Conversions

Conversions Part 2

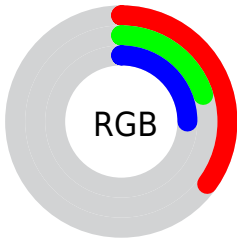
Format	Color
RYB	90, 51, 65
Decimal	5911361
CIELab	26.51, 19.68, -1.15
CIELCh	27, 19.714, 356.658
Yxy	4.9230, 0.3761, 0.2914
Android (android.graphics.Color)	4284101441 (0xFF5A3341)
YUV	64.2570, 0.3663, 22.5766
Hunter-Lab	22.1878, 12.2925, 0.5235

Details

The Hex color **5A3341** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **335A4C**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **8D6271**, and **2B0717** is the 20% darker color. If you saturate the color by 10%, you get **5A2A3B**, and if you desaturate by 10%, it is **5A3C47**.

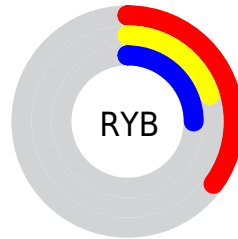
Distribution



Red (35%)

Green (20%)

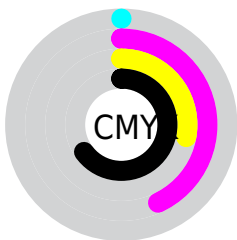
Blue (25%)



Red (35%)

Yellow (20%)

Blue (25%)

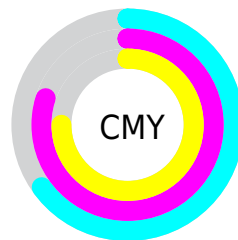


Cyan (0%)

Magenta (43%)

Yellow (28%)

Black (65%)



Cyan (65%)

Magenta (80%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A3341 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 5A3341 by changing the saturation by 10% instead.

■ 5A3341

■ 5A3341

FFFFFF

■ 421D2B

■ 8D6271

■ 2B0717

■ A87B8A

■ 0C0000

■ C495A4

■ 000000

■ E0B0C0

■ FDCCDB

■ FFE8F8

■ 5A3341

■ 5A3341

■ 5A2A3B

■ 5A3C47

■ 5A2135

■ 5A454D

■ 5A1830

■ 5A4E52

■ 5A0F2A

■ 5A5758

■ 5A0624

■ 5A605E

■ 5A0020

■ 5A6964

■ 5A7269

■ 5A7B6F

■ 5A8475

Harmonies

Analogous

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



50364F



5A3341



5C3432

Triad

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



5A3341



3B4223



054557

Complementary

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



5A3341



335A4C

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.



00464C



5A3341



29452E

Square

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



5A3341



4A3D20



13473C



25415C

Rectangle

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



5A3341



58362A



13473C



004554

Sweetspot

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



5A3341



75666C



4C335A



3B3135



BABABA



3B3B3B

Same Dimension

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



5A3341



75384E



5A3833



2E292B



6E0027



ED0055

Inverse Universe

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



5A3341



75384E



33555A



2E292B



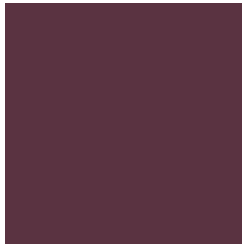
6E0027



ED0055

Previews

White Background



This preview shows how the Hex color 5A3341 looks on a white background.

Color Contrast Check

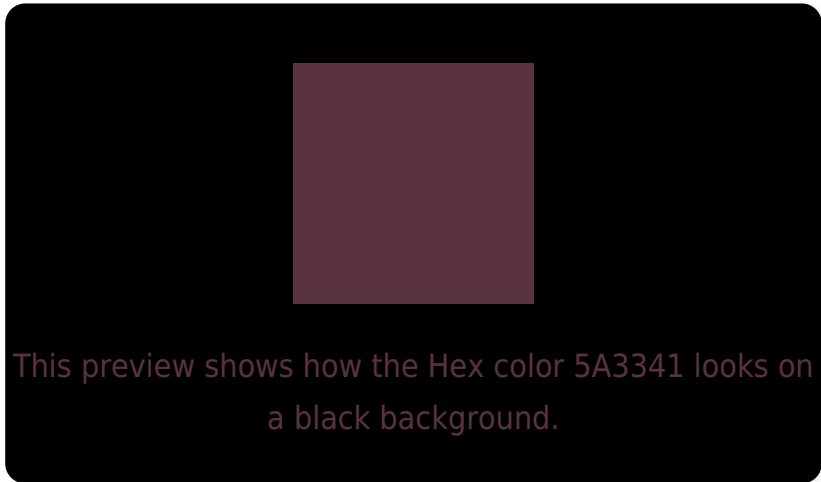
Large Text (above 18pt) WCAG AA ✓ Pass

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

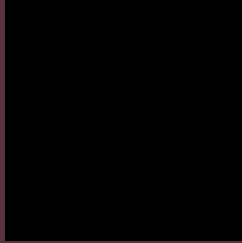
Any Text WCAG AA × Fail

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 5A3341 Background



This preview shows how black text looks on a background with the Hex color 5A3341.



This preview shows how white text looks on a background with the Hex color 5A3341.

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
5A3341

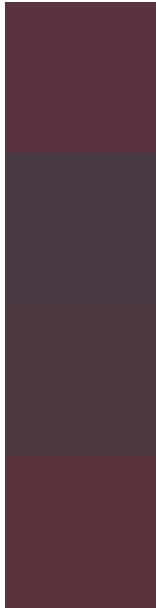
Protanopia
3E3F48

Deuteranopia
453D3F



Tritanopia
593538

Trichromacy



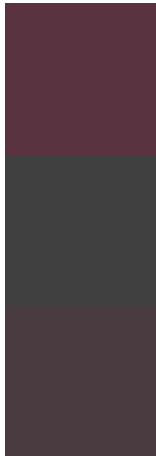
Original Color
5A3341

Protanomaly
483B45

Deuteranomaly
4D3940

Tritanomaly
59343B

Monochromacy



Original Color
5A3341

Achromatopsia
404040

Achromatomaly
493B40

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A3341 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 #5A3341 looks like.

```
.text, #text, p{  
    color:#5A3341  
}
```

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 #5A3341 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A3341
}
```

Border

The CSS property to change the border of an element to Hex 5A3341 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".

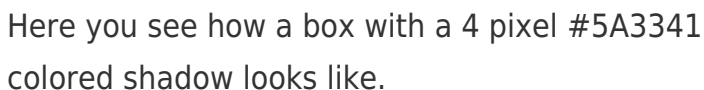
```
.border, #border, table{ border:4px solid
#5A3341 }
```

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

```
.border{ border-color:#5A3341 }
```

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

Here you see how a box with a 4 pixel #5A3341 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red horizontal bar that extends across the width of the box, creating a shadow effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A3341; -webkit-box-shadow:4px 4px  
4px 4px #5A3341; box-shadow:4px 4px 4px  
4px #5A3341 }
```

Background

The CSS property to change the background color of an element to Hex 5A3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A3341 }
```

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

```
.background{ background-color:#5A3341 }
```

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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