

Converting Colors

Hex(5A342D)

Have a look what the booklet for
Hex(5A342D) contains.

Hex(5A342D)	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(5A342D)

Conversions

Conversions Part 1

Format	Color
Hex	5A342D
RGB	90, 52, 45
RGB Percent	35%, 20%, 18%
CMY	0.6471, 0.7961, 0.8235
CMYK	0.00, 0.42, 0.50, 0.65
HSL	9°, 33%, 26%
HSV	9°, 50%, 35%
XYZ	5.9181, 4.8191, 3.1009
YIQ	62.5640, 24.8950, 5.8790

Conversions

Conversions Part 2

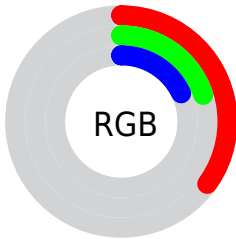
Format	Color
R_{YB}	90, 53, 45
Decimal	5911597
CIE _{Lab}	26.21, 16.22, 11.70
CIE _{LCh}	26, 20.005, 35.810
Yxy	4.8191, 0.4277, 0.3482
Android (android.graphics.Color)	4284101677 (0xFF5A342D)
YUV	62.5640, -8.6591, 24.0614
Hunter-Lab	21.9525, 9.7045, 6.9917

Details

The Hex color **5A342D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2D535A**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **8E635B**, and **2B0800** is the 20% darker color. If you saturate the color by 10%, you get **5A2C24**, and if you desaturate by 10%, it is **5A3C36**.

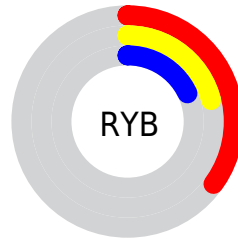
Distribution



Red (35%)

Green (20%)

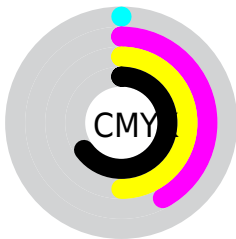
Blue (18%)



Red (35%)

Yellow (21%)

Blue (18%)

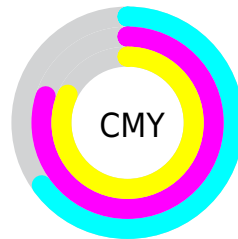


Cyan (0%)

Magenta (42%)

Yellow (50%)

Black (65%)



Cyan (65%)

Magenta (80%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A342D 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 5A342D by changing the saturation by 10% instead.

 5A342D

 5A342D

FFFFFF

 411E18

 8E635B

 2B0800

 A97C73

 000000

 C5968D

 E1B1A7

 FECCC2

 FFE9DE

 FFFFFB

 5A342D

 5A342D

■ 5A2C24

■ 5A3C36

■ 5A251B

■ 5A433F

■ 5A1D12

■ 5A4B48

■ 5A1609

■ 5A5251

■ 5A0E00

■ 5A5A5A

■ 5A6263

■ 5A696C

■ 5A7175

■ 5A787E

Harmonies

Analogous

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



5B323C



5A342D



523923

Triad

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



5A342D



224531



2C3F5C

Complementary

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



5A342D



2D535A

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.



0D4359



5A342D



084641

Square

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



5A342D



354225



00454F



443957

Rectangle

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



5A342D



4A3C1F



00454F



23405C

Sweetspot

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



5A342D



756664



5A2D53



3B3230



BABABA



3B3B3B

Same Dimension

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



5A342D



753A2F



5A4A2D



2E2A29



6E1100



ED2500

Inverse Universe

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



2D535A



2F6A75



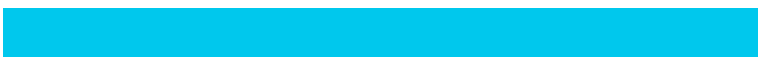
2D3D5A



292D2E



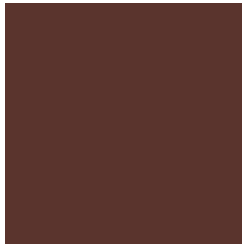
005D6E



00C8ED

Previews

White Background



This preview shows how the Hex color 5A342D looks on a white background.

Color Contrast Check

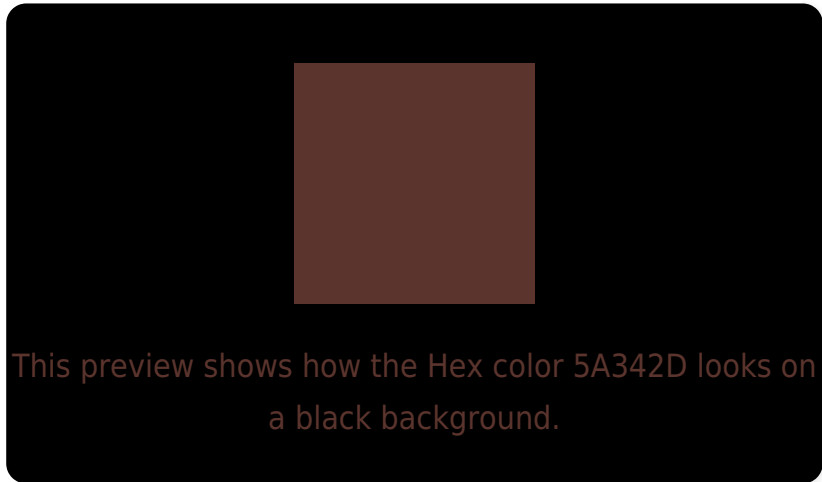
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A342D Background



This preview shows how black text looks on a background with the Hex color 5A342D.

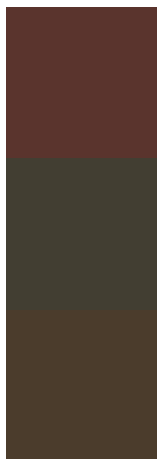


This preview shows how white text looks on a background with the Hex color 5A342D.

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
5A342D

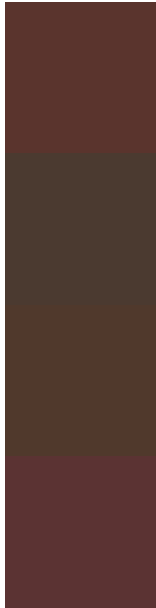
Protanopia
423E32

Deuteranopia
4B3C2C



Tritanopia
5B3336

Trichromacy



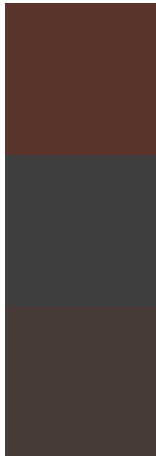
Original Color
5A342D

Protanomaly
4B3A30

Deuteranomaly
50392C

Tritanomaly
5B3333

Monochromacy



Original Color
5A342D

Achromatopsia
3F3F3F

Achromatomaly
493B38

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A342D 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 #5A342D looks like.

```
.text, #text, p{  
    color:#5A342D  
}
```

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 #5A342D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A342D
}
```

Border

The CSS property to change the border of an element to Hex 5A342D is called "border". The border property can be set on classes, ids or directly on the HTML element.

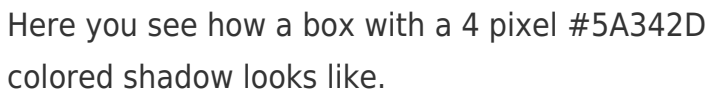
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A342D }
```

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

```
.border{ border-color:#5A342D }
```

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



Here you see how a box with a 4 pixel #5A342D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A342D; -webkit-box-shadow:4px 4px  
4px 4px #5A342D; box-shadow:4px 4px 4px  
4px #5A342D }
```

Background

The CSS property to change the background color of an element to Hex 5A342D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A342D }
```

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

```
.background{ background-color:#5A342D }
```

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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