

Converting Colors

Hex(5A3626)

Have a look what the booklet for
Hex(5A3626) contains.

Hex(5A3626)	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(5A3626)

Conversions

Conversions Part 1

Format	Color
Hex	5A3626
RGB	90, 54, 38
RGB Percent	35%, 21%, 15%
CMY	0.6471, 0.7882, 0.8510
CMYK	0.00, 0.40, 0.58, 0.65
HSL	18°, 41%, 25%
HSV	18°, 58%, 35%
XYZ	5.8855, 4.9519, 2.4793
YIQ	62.9400, 26.5920, 2.6560

Conversions

Conversions Part 2

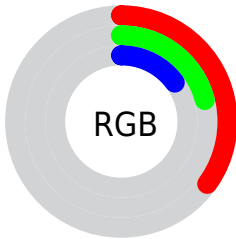
Format	Color
RYB	90, 61, 38
Decimal	5912102
CIELab	26.60, 14.20, 16.76
CIELCh	27, 21.965, 49.717
Yxy	4.9519, 0.4420, 0.3719
Android (android.graphics.Color)	4284102182 (0xFF5A3626)
YUV	62.9400, -12.2954, 23.7316
Hunter-Lab	22.2529, 8.2671, 8.9712

Details

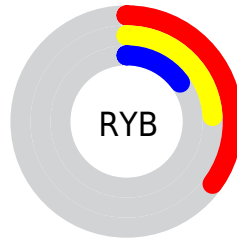
The Hex color **5A3626** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **264A5A**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **8E6553**, and **2A0B00** is the 20% darker color. If you saturate the color by 10%, you get **5A301D**, and if you desaturate by 10%, it is **5A3C2F**.

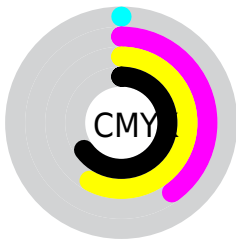
Distribution



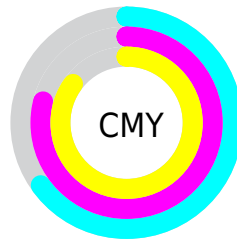
- Red (35%)
- Green (21%)
- Blue (15%)



- Red (35%)
- Yellow (24%)
- Blue (15%)



- Cyan (0%)
- Magenta (40%)
- Yellow (58%)
- Black (65%)



- Cyan (65%)
- Magenta (79%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A3626 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 5A3626 by changing the saturation by 10% instead.

 5A3626

 5A3626

FFFFFF

 412011

 8E6553

 2A0B00

 A97E6B

 000000

 C59885

 E2B39F

 FFCEBA

 FFEBD6

 FFFFF2

 5A3626

 5A3626

■ 5A301D

■ 5A3C2F

■ 5A2A14

■ 5A4238

■ 5A230B

■ 5A4941

■ 5A1D02

■ 5A4F4A

■ 5A1C00

■ 5A5553

■ 5A5B5C

■ 5A6265

■ 5A686E

■ 5A6E77

Harmonies

Analogous

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



5F3234



5A3626



4E3C1E

Triad

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



5A3626



124738



383D5E

Complementary

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



5A3626



264A5A

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.



174260



5A3626



00484A

Square

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



5A3626



2B4529



004658



4E3655

Rectangle

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



5A3626



44401D



004658



2E3F60

Sweetspot

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



5A3626



756761



5A264A



3B332F



BABABA



3B3B3B

Same Dimension

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



5A3626



753D24



5A5026



2E2B29



6E2200



ED4900

Inverse Universe

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



264A5A



245C75



26305A



292C2E



004C6E



00A4ED

Previews

White Background



This preview shows how the Hex color 5A3626 looks on a white background.

Color Contrast Check

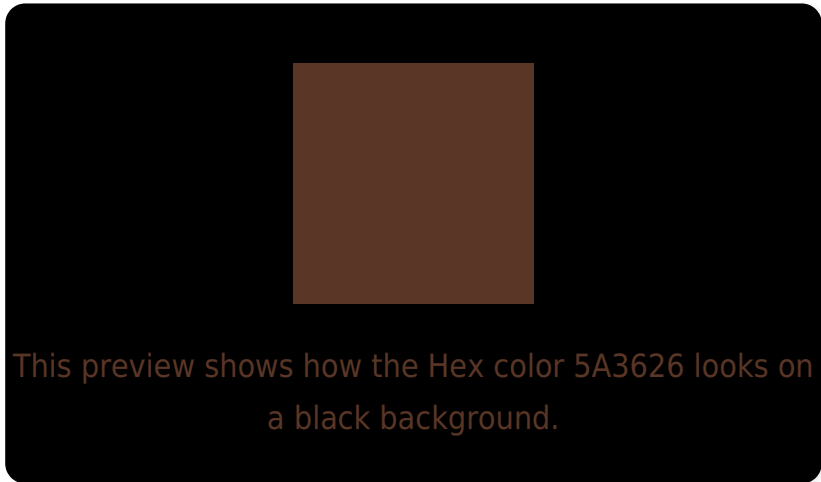
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A3626 Background



This preview shows how black text looks on a background with the Hex color 5A3626.

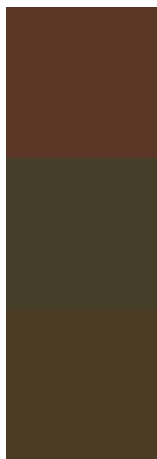


This preview shows how white text looks on a background with the Hex color 5A3626.

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
5A3626

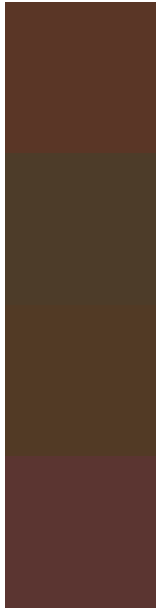
Protanopia
453F2A

Deuteranopia
4D3C25



Tritanopia
5B3438

Trichromacy



Original Color
5A3626

Protanomaly
4D3C29

Deuteranomaly
523A25

Tritanomaly
5B3531

Monochromacy



Original Color
5A3626

Achromatopsia
3F3F3F

Achromatomaly
493C36

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A3626 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 #5A3626 looks like.

```
.text, #text, p{  
    color:#5A3626  
}
```

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 #5A3626 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A3626
}
```

Border

The CSS property to change the border of an element to Hex 5A3626 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".

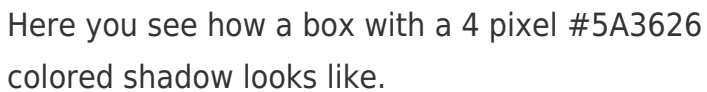
```
.border, #border, table{ border:4px solid
#5A3626 }
```

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

```
.border{ border-color:#5A3626 }
```

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

Here you see how a box with a 4 pixel #5A3626 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A3626; -webkit-box-shadow:4px 4px  
4px 4px #5A3626; box-shadow:4px 4px 4px  
4px #5A3626 }
```

Background

The CSS property to change the background color of an element to Hex 5A3626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A3626 }
```

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

```
.background{ background-color:#5A3626 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor