

Converting Colors

Hex(5B3A36)

Have a look what the booklet for
Hex(5B3A36) contains.

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Color

Hex(5B3A36)

Conversions

Conversions Part 1

Format	Color
Hex	5B3A36
RGB	91, 58, 54
RGB Percent	36%, 23%, 21%
CMY	0.6431, 0.7725, 0.7882
CMYK	0.00, 0.36, 0.41, 0.64
HSL	6°, 26%, 28%
HSV	6°, 41%, 36%
XYZ	6.4933, 5.5166, 4.2126
YIQ	67.4110, 20.9520, 5.7520

Conversions

Conversions Part 2

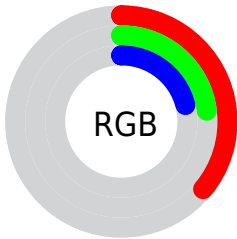
Format	Color
RYB	91, 58, 54
Decimal	5978678
CIELab	28.16, 14.06, 8.49
CIElCh	28, 16.426, 31.130
Yxy	5.5166, 0.4003, 0.3401
Android (android.graphics.Color)	4284168758 (0xFF5B3A36)
YUV	67.4110, -6.6116, 20.6876
Hunter-Lab	23.4874, 8.2447, 5.8072

Details

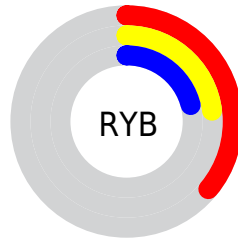
The Hex color **5B3A36** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **36575B**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **8E6965**, and **2C0F0A** is the 20% darker color. If you saturate the color by 10%, you get **5B322D**, and if you desaturate by 10%, it is **5B423F**.

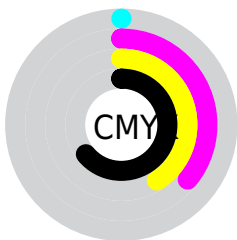
Distribution



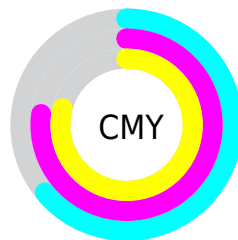
- Red (36%)
- Green (23%)
- Blue (21%)



- Red (36%)
- Yellow (23%)
- Blue (21%)



- Cyan (0%)
- Magenta (36%)
- Yellow (41%)
- Black (64%)



- Cyan (64%)
- Magenta (77%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B3A36 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 5B3A36 by changing the saturation by 10% instead.

 5B3A36

 5B3A36

FFFFFF

 432421

 8E6965

 2C0F0A

 A9837E

 0F0000

 C59D97

 000000

 E1B8B2

 FED4CE

 FFF0EA

 5B3A36

 5B3A36

 5B322D

 5B423F

■ 5B2A24

■ 5B4A48

■ 5B221B

■ 5B5251

■ 5B1A12

■ 5B5A5A

■ 5B1109

■ 5B6364

■ 5B0A00

■ 5B6B6D

■ 5B7376

■ 5B7B7F

■ 5B8388

Harmonies

Analogous

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



5B3942



5B3A36



553D2D

Triad

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



5B3A36



2F4836



32435B

Complementary

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



5B3A36



36575B

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.



204758



5B3A36



204942

Square

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



5B3A36



3D462C



18494F



453F58

Rectangle

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



5B3A36



4F402A



18494F



2C455B

Sweetspot

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



5B3A36



756967



5B3657



3B3332



BABABA



3B3B3B

Same Dimension

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



5B3A36



75423C



5B4C36



2E2A29



6E0C00



ED1A00

Inverse Universe

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



36575B



3C6F75



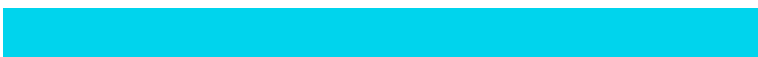
36455B



292D2E



00626E



00D4ED

Previews

White Background



This preview shows how the Hex color 5B3A36 looks on a white background.

Color Contrast Check

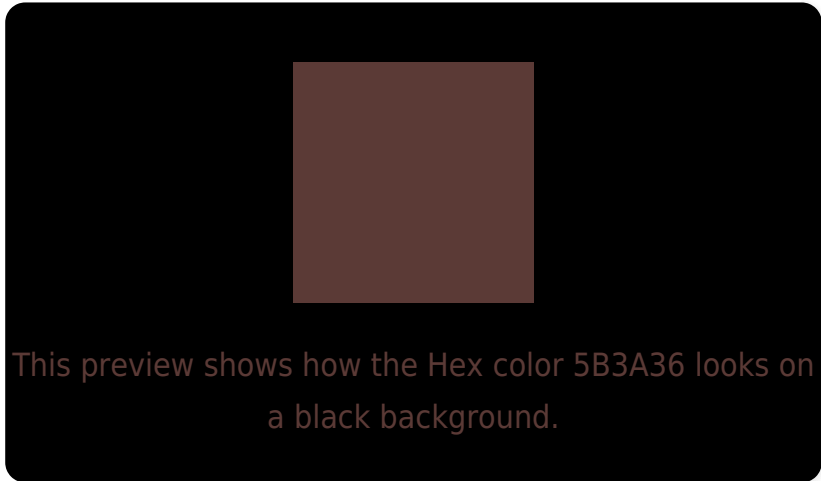
Large Text (above 18pt) WCAG AA ✓ Pass

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

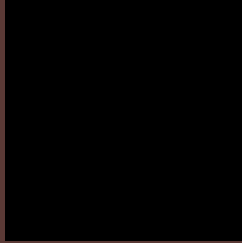
Any Text WCAG AA × Fail

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 5B3A36 Background



This preview shows how black text looks on a background with the Hex color 5B3A36.

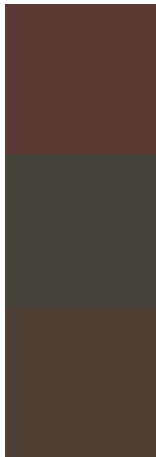


This preview shows how white text looks on a background with the Hex color 5B3A36.

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
5B3A36

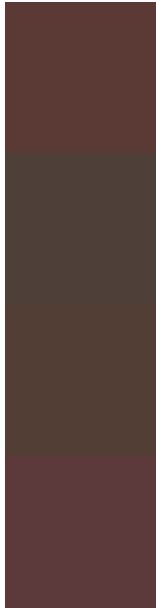
Protanopia
46433A

Deuteranopia
4E4035



Tritanopia
5C393D

Trichromacy



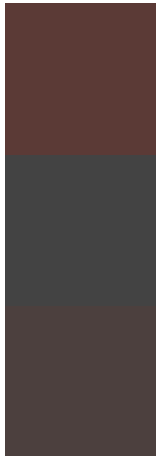
Original Color
5B3A36

Protanomaly
4E4039

Deuteranomaly
533E35

Tritanomaly
5C393A

Monochromacy



Original Color
5B3A36

Achromatopsia
434343

Achromatomaly
4C403E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B3A36 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 #5B3A36 looks like.

```
.text, #text, p{  
    color:#5B3A36  
}
```

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 #5B3A36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B3A36
}
```

Border

The CSS property to change the border of an element to Hex 5B3A36 is called "border". The border property can be set on classes, ids or directly on the HTML element.

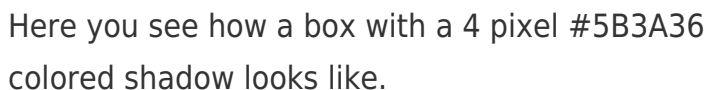
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B3A36 }
```

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

```
.border{ border-color:#5B3A36 }
```

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



Here you see how a box with a 4 pixel #5B3A36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B3A36; -webkit-box-shadow:4px 4px  
4px 4px #5B3A36; box-shadow:4px 4px 4px  
4px #5B3A36 }
```

Background

The CSS property to change the background color of an element to Hex 5B3A36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B3A36 }
```

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

```
.background{ background-color:#5B3A36 }
```

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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