

Converting Colors

Hex(5B3C29)

Have a look what the booklet for
Hex(5B3C29) contains.

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Color

Hex(5B3C29)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 5B3C29 |
| RGB | 91, 60, 41 |
| RGB Percent | 36%, 24%, 16% |
| CMY | 0.6431, 0.7647, 0.8392 |
| CMYK | 0.00, 0.34, 0.55, 0.64 |
| HSL | 23°, 38%, 26% |
| HSV | 23°, 55%, 36% |
| XYZ | 6.3305, 5.6160, 2.8482 |
| YIQ | 67.1030, 24.5750, 0.6630 |

Conversions

Conversions Part 2

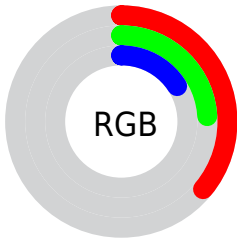
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 91, 72, 41 |
| Decimal | 5979177 |
| CIELab | 28.42, 11.20, 17.22 |
| CIELCh | 28, 20.543, 56.956 |
| Yxy | 5.6160, 0.4279, 0.3796 |
| Android (android.graphics.Color) | 4284169257 (0xFF5B3C29) |
| YUV | 67.1030, -12.8688, 20.9577 |
| Hunter-Lab | 23.6980, 6.2114, 9.4628 |

Details

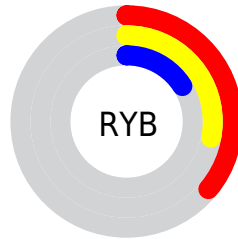
The Hex color **5B3C29** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **29485B**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **8F6B57**, and **2B1200** is the 20% darker color. If you saturate the color by 10%, you get **5B3620**, and if you desaturate by 10%, it is **5B4232**.

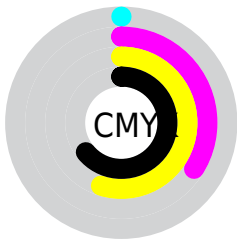
Distribution



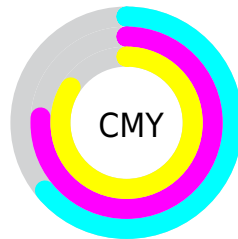
- Red (36%)
- Green (24%)
- Blue (16%)



- Red (36%)
- Yellow (28%)
- Blue (16%)



- Cyan (0%)
- Magenta (34%)
- Yellow (55%)
- Black (64%)



- Cyan (64%)
- Magenta (76%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B3C29 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 5B3C29 by changing the saturation by 10% instead.

 5B3C29

 5B3C29

FFFFFF

 422614

 8F6B57

 2B1200

 AA856F

 0B0000

 C69F88

 000000

 E2BAA3

 FFD6BE

 FFF2DA

 FFFFF6

 5B3C29

 5B3C29

■ 5B3620

■ 5B4232

■ 5B3117

■ 5B473B

■ 5B2B0E

■ 5B4D44

■ 5B2505

■ 5B534D

■ 5B2300

■ 5B5857

■ 5B5E60

■ 5B6369

■ 5B6972

■ 5B6F7B

Harmonies

Analogous

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



613836



5B3C29



4F4223

Triad

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



5B3C29



154B41



42405F

Complementary

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



5B3C29



29485B

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.



284562



5B3C29



004B51

Square

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



5B3C29



2C4A31



07495D



553A54

Rectangle

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



5B3C29



444524



07495D



3A4161

Sweetspot

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



5B3C29



756A63



5B2949



3B3430



BABABA



3B3B3B

Same Dimension

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



5B3C29



754528



5B5429



2E2B29



6E2A00



ED5A00

Inverse Universe

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



29485B



285875



29305B



292C2E



00446E



0093ED

Previews

White Background



This preview shows how the Hex color 5B3C29 looks on a white background.

Color Contrast Check

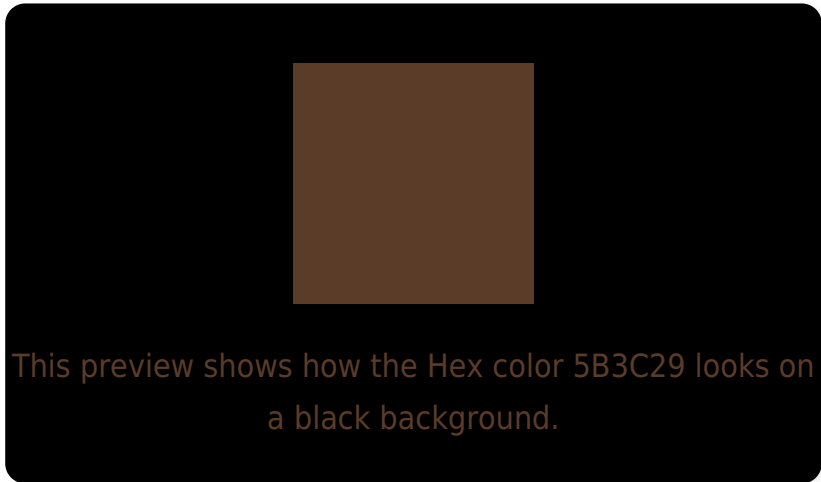
Large Text (above 18pt) WCAG AA ✓ Pass

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

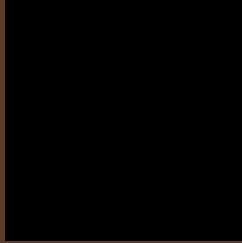
Any Text WCAG AA × Fail

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 5B3C29 Background



This preview shows how black text looks on a background with the Hex color 5B3C29.

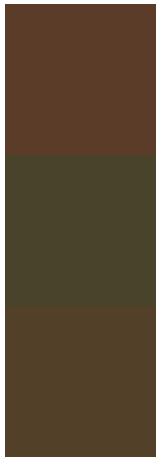


This preview shows how white text looks on a background with the Hex color 5B3C29.

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
5B3C29

Protanopia
49432C

Deuteranopia
524028



Tritanopia
5D393E

Trichromacy



Original Color
5B3C29

Protanomaly
50402B

Deuteranomaly
553F28

Tritanomaly
5C3A36

Monochromacy



Original Color
5B3C29

Achromatopsia
434343

Achromatomaly
4C403A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B3C29 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 #5B3C29 looks like.

```
.text, #text, p{  
    color:#5B3C29  
}
```

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 #5B3C29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B3C29
}
```

Border

The CSS property to change the border of an element to Hex 5B3C29 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".

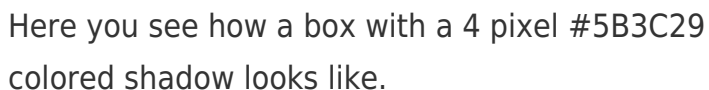
```
.border, #border, table{ border:4px solid
#5B3C29 }
```

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

```
.border{ border-color:#5B3C29 }
```

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

Here you see how a box with a 4 pixel #5B3C29 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B3C29; -webkit-box-shadow:4px 4px  
4px 4px #5B3C29; box-shadow:4px 4px 4px  
4px #5B3C29 }
```

Background

The CSS property to change the background color of an element to Hex 5B3C29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B3C29 }
```

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

```
.background{ background-color:#5B3C29 }
```

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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