

Converting Colors

Hex(5A231E)

Have a look what the booklet for
Hex(5A231E) contains.

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Color

Hex(5A231E)

Conversions

Conversions Part 1

Format	Color
Hex	5A231E
RGB	90, 35, 30
RGB Percent	35%, 14%, 12%
CMY	0.6471, 0.8627, 0.8824
CMYK	0.00, 0.61, 0.67, 0.65
HSL	5°, 50%, 24%
HSV	5°, 67%, 35%
XYZ	5.0518, 3.4695, 1.6317
YIQ	50.8750, 34.3850, 10.1050

Conversions

Conversions Part 2

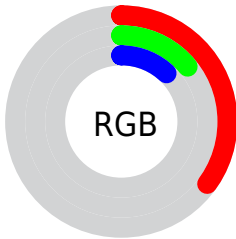
Format	Color
RYB	90, 35, 30
Decimal	5907230
CIELab	21.83, 24.92, 15.92
CIElCh	22, 29.569, 32.579
Yxy	3.4695, 0.4976, 0.3417
Android (android.graphics.Color)	4284097310 (0xFF5A231E)
YUV	50.8750, -10.2914, 34.3126
Hunter-Lab	18.6265, 15.8159, 7.8446

Details

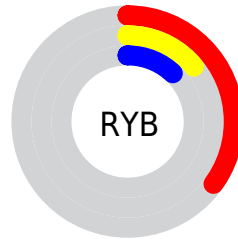
The Hex color **5A231E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1E555A**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **90524A**, and **2A0000** is the 20% darker color. If you saturate the color by 10%, you get **5A1B15**, and if you desaturate by 10%, it is **5A2B27**.

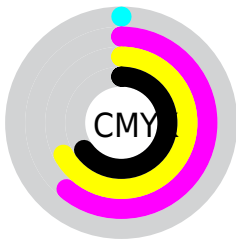
Distribution



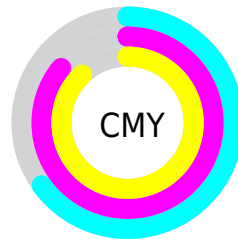
- Red (35%)
- Green (14%)
- Blue (12%)



- Red (35%)
- Yellow (14%)
- Blue (12%)



- Cyan (0%)
- Magenta (61%)
- Yellow (67%)
- Black (65%)



- Cyan (65%)
- Magenta (86%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A231E 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 5A231E by changing the saturation by 10% instead.

 5A231E

 5A231E

FFFFFF

 410C06

 90524A

 2A0000

 AB6A62

 000000

 C8847A

 E59F94

 FFBAAF

 FFD6CA

 FFF2E6

 5A231E

 5A231E

■ 5A1B15

■ 5A2B27

■ 5A130C

■ 5A3430

■ 5A0A03

■ 5A3C39

■ 5A0800

■ 5A4442

■ 5A4C4B

■ 5A5554

■ 5A5D5D

■ 5A6566

■ 5A6D6F

Harmonies

Analogous

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



5B1F33



5A231E



4F2C0C

Triad

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



5A231E



023D1F



003660

Complementary

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



5A231E



1E555A

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.



003C5B



5A231E



003F36

Square

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



5A231E



273A0C



003E4B



372E59

Rectangle

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



5A231E



443103



003E4B



003860

Sweetspot

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



5A231E



75605E



5A1E55



3B2E2D



BABABA



3B3B3B

Same Dimension

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



5A231E



751F17



5A411E



2E2A29



6E0900



ED1400

Inverse Universe

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



1E555A



176D75



1E375A



292E2E



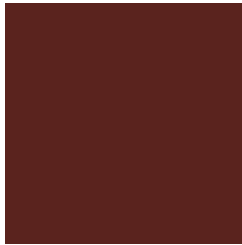
00656E



00D9ED

Previews

White Background



This preview shows how the Hex color 5A231E 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

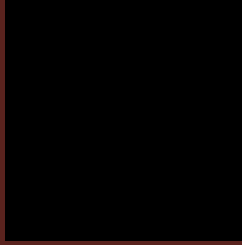
Any Text WCAG AA × Fail

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 5A231E Background



This preview shows how black text looks on a background with the Hex color 5A231E.

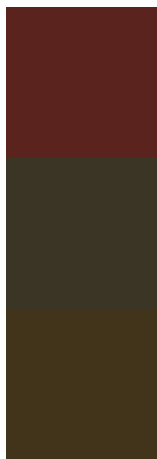


This preview shows how white text looks on a background with the Hex color 5A231E.

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
5A231E

Protanopia
3A3525

Deuteranopia
42331B



Tritanopia
5A2224

Trichromacy



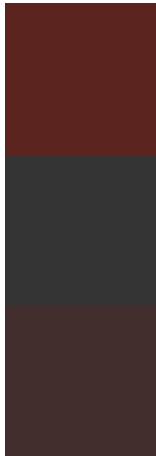
Original Color
5A231E

Protanomaly
462E22

Deuteranomaly
4B2D1C

Tritanomaly
5A2222

Monochromacy



Original Color
5A231E

Achromatopsia
333333

Achromatomaly
412D2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A231E 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 #5A231E looks like.

```
.text, #text, p{  
    color:#5A231E  
}
```

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 #5A231E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A231E
}
```

Border

The CSS property to change the border of an element to Hex 5A231E is called "border". The border property can be set on classes, ids or directly on the HTML element.

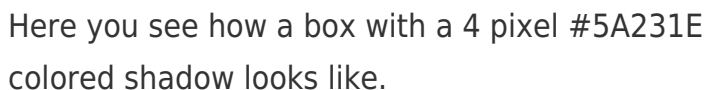
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A231E }
```

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

```
.border{ border-color:#5A231E }
```

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



Here you see how a box with a 4 pixel #5A231E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A231E; -webkit-box-shadow:4px 4px  
4px 4px #5A231E; box-shadow:4px 4px 4px  
4px #5A231E }
```

Background

The CSS property to change the background color of an element to Hex 5A231E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A231E }
```

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

```
.background{ background-color:#5A231E }
```

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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