

# Converting Colors

Hex(82251A)

Have a look what the booklet for  
Hex(82251A) contains.

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**Color**

**Hex(82251A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	82251A
RGB	130, 37, 26
RGB Percent	51%, 15%, 10%
CMY	0.4902, 0.8549, 0.8980
CMYK	0.00, 0.72, 0.80, 0.49
HSL	6°, 67%, 31%
HSV	6°, 80%, 51%
XYZ	10.0539, 6.1435, 1.6332
YIQ	63.5530, 58.9590, 16.2950

# Conversions

## Conversions Part 2

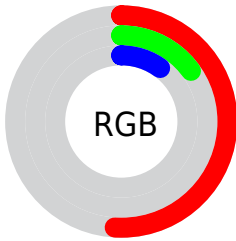
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 38, 26
Decimal	8529178
CIE Lab	29.77, 39.17, 29.59
CIE LCh	30, 49.096, 37.068
Yxy	6.1435, 0.5639, 0.3445
Android (android.graphics.Color)	4286719258 (0xFF82251A)
YUV	63.5530, -18.5136, 58.2740
Hunter-Lab	24.7862, 29.0286, 13.4436

# Details

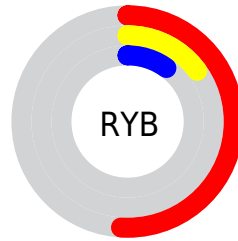
The Hex color **82251A** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1A7782**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **BD5846**, and **490000** is the 20% darker color. If you saturate the color by 10%, you get **82190D**, and if you desaturate by 10%, it is **823127**.

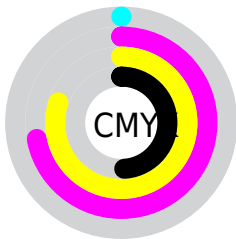
# Distribution



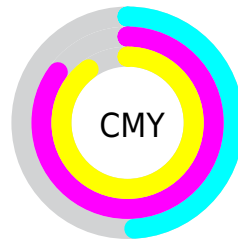
- Red (51%)
- Green (15%)
- Blue (10%)



- Red (51%)
- Yellow (15%)
- Blue (10%)



- Cyan (0%)
- Magenta (72%)
- Yellow (80%)
- Black (49%)



- Cyan (49%)
- Magenta (85%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82251A 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 82251A by changing the saturation by 10% instead.



 82251A

 82251A

FFFFFF

 650601


 BD5846

 490000

 DB725E

 310002

 F98C77

 000000

 FFA891

 FFC3AB

 FFE0C7

 FFFDE3

 82251A

 82251A

■ 82190D

■ 823127

■ 820E00

■ 823C34

■ 824841

■ 82534E

■ 825F5B

■ 826B68

■ 827675

■ 828282

■ 828E8F

# Harmonies

## Analogous

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



88153F



82251A



6D3900

# Triad

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



82251A



005526



004893

# Complementary

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



82251A



1A7782

# 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.



00528D



82251A



00574E

# Square

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



82251A



245000



005673



513784

# Rectangle

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



82251A



5A4300



005673



004C93



# Sweetspot

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



82251A



A88480



821A78



543E3C



D4D4D4



545454



# Same Dimension

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



82251A



A81807



82581A



403A39



800D00



000000



# Inverse Universe

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



1A7782



0797A8



1A4482



393F40



007280



000000



# Previews

## White Background



This preview shows how the Hex color 82251A looks on a white background.

## Color Contrast Check

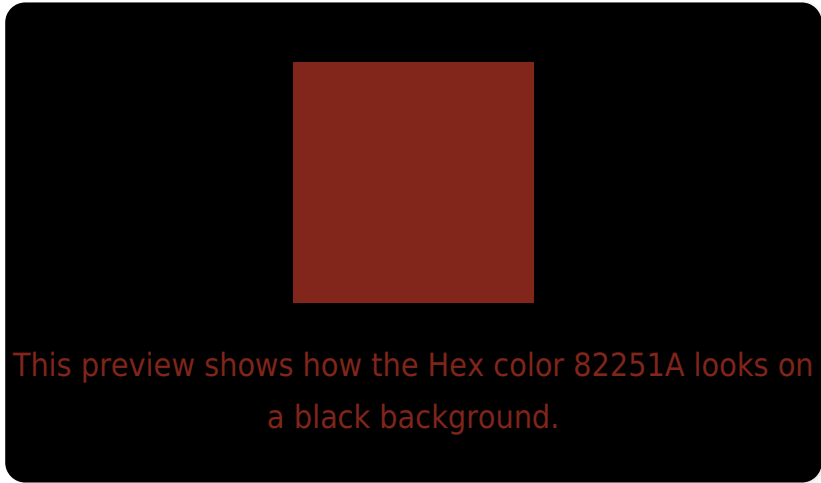
Large Text (above 18pt) WCAG AA ✓ Pass

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 82251A Background



This preview shows how black text looks on a background with the Hex color 82251A.

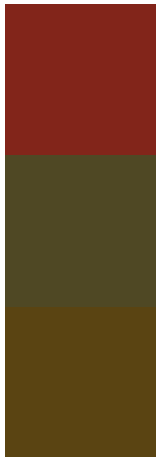


This preview shows how white text looks on a background with the Hex color 82251A.

# 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**  
82251A

**Protanopia**  
4F4824

**Deuteranopia**  
5A4412



# Trichromacy



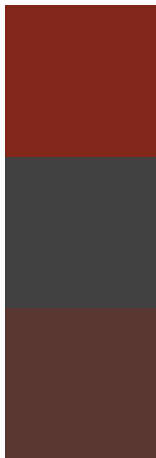
**Original Color**  
82251A

**Protanomaly**  
623B20

**Deuteranomaly**  
693915

**Tritanomaly**  
822421

# Monochromacy



**Original Color**  
82251A

**Achromatopsia**  
404040

**Achromatomaly**  
583632

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82251A 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 #82251A looks like.

```
.text, #text, p{  
    color:#82251A  
}
```

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 #82251A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82251A
}
```

## Border

The CSS property to change the border of an element to Hex 82251A 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".

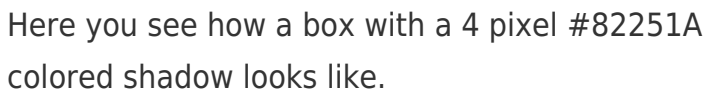
```
.border, #border, table{ border:4px solid
#82251A }
```

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

```
.border{ border-color:#82251A }
```

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

Here you see how a box with a 4 pixel #82251A colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #82251A colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82251A; -webkit-box-shadow:4px 4px  
4px 4px #82251A; box-shadow:4px 4px 4px  
4px #82251A }
```

# Background

The CSS property to change the background color of an element to Hex 82251A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82251A }
```

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

```
.background{ background-color:#82251A }
```

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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