

Converting Colors

Hex(8A1C2D)

Have a look what the booklet for
Hex(8A1C2D) contains.

Hex(8A1C2D)	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(8A1C2D)

Conversions

Conversions Part 1

Format	Color
Hex	8A1C2D
RGB	138, 28, 45
RGB Percent	54%, 11%, 18%
CMY	0.4588, 0.8902, 0.8235
CMYK	0.00, 0.80, 0.67, 0.46
HSL	351°, 66%, 33%
HSV	351°, 80%, 54%
XYZ	11.3701, 6.4232, 3.1232
YIQ	62.8280, 60.1030, 28.6070

Conversions

Conversions Part 2

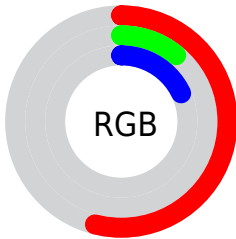
Format	Color
RYB	138, 28, 45
Decimal	9051181
CIELab	30.46, 46.12, 18.87
CIElCh	30, 49.836, 22.255
Yxy	6.4232, 0.5436, 0.3071
Android (android.graphics.Color)	4287241261 (0xFF8A1C2D)
YUV	62.8280, -8.7892, 65.9258
Hunter-Lab	25.3441, 35.7283, 10.4346

Details

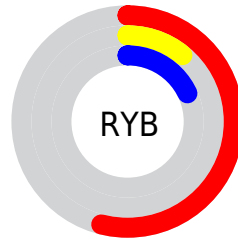
The Hex color **8A1C2D** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1C8A79**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **C5535A**, and **510000** is the 20% darker color. If you saturate the color by 10%, you get **8A0E21**, and if you desaturate by 10%, it is **8A2A39**.

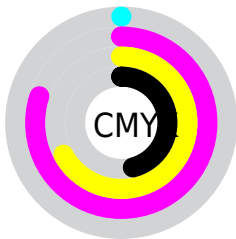
Distribution



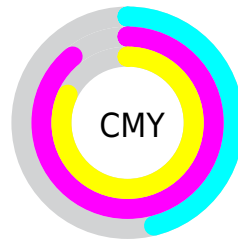
- Red (54%)
- Green (11%)
- Blue (18%)



- Red (54%)
- Yellow (11%)
- Blue (18%)



- Cyan (0%)
- Magenta (80%)
- Yellow (67%)
- Black (46%)



- Cyan (46%)
- Magenta (89%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A1C2D 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 8A1C2D by changing the saturation by 10% instead.

 8A1C2D

 8A1C2D

FFFFFF

 6D0019

 C5535A

 510000

 E36E73

 370002

 FF888C

 0D0000

 FFA4A7

 000000

 FFC0C2

 FFDCDE

 FFFAFA

 8A1C2D

 8A1C2D

■ 8A0E21

■ 8A2A39

■ 8A0016

■ 8A3844

■ 8A0015

■ 8A4550

■ 8A535C

■ 8A6167

■ 8A6F73

■ 8A7D7F

■ 8A8A8A

■ 8A9896

Harmonies

Analogous

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



861954



8A1C2D



7B3106

Triad

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



8A1C2D



005512



005095

Complementary

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



8A1C2D



1C8A79

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.



005685



8A1C2D



00583C

Square

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



8A1C2D



3D4E00



005964



2B4290

Rectangle

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



8A1C2D



6B3D00



005964



005392

Sweetspot

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



8A1C2D



B3888E



781C8A



593F43



D9D9D9



595959

Same Dimension

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



8A1C2D



B30722



8A411C



453E3F



850014



050001

Inverse Universe

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



8A1C2D



B30722



1C658A



453E3F



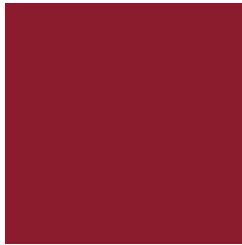
850014



050001

Previews

White Background



This preview shows how the Hex color 8A1C2D looks on a white background.

Color Contrast Check

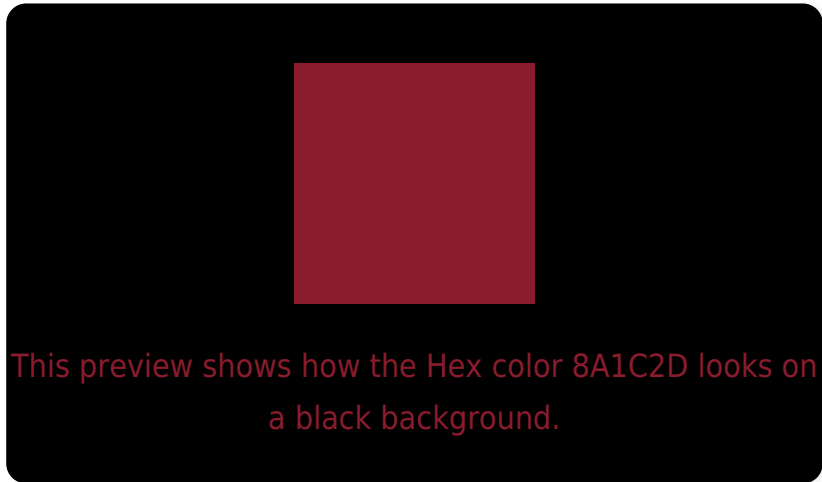
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A1C2D Background



This preview shows how black text looks on a background with the Hex color 8A1C2D.



This preview shows how white text looks on a background with the Hex color 8A1C2D.

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
8A1C2D

Protanopia
4D493E

Deuteranopia
5A4627



Tritanopia
8A1F1F

Trichromacy



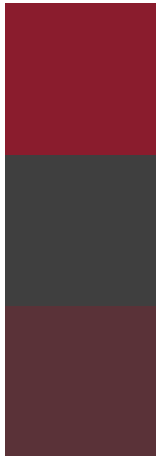
Original Color
8A1C2D

Protanomaly
633938

Deuteranomaly
6B3729

Tritanomaly
8A1E24

Monochromacy



Original Color
8A1C2D

Achromatopsia
3F3F3F

Achromatomaly
5A3238

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A1C2D 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 #8A1C2D looks like.

```
.text, #text, p{  
    color:#8A1C2D  
}
```

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 #8A1C2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A1C2D
}
```

Border

The CSS property to change the border of an element to Hex 8A1C2D 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".

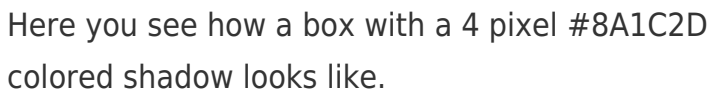
```
.border, #border, table{ border:4px solid
#8A1C2D }
```

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

```
.border{ border-color:#8A1C2D }
```

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

Here you see how a box with a 4 pixel #8A1C2D 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 #8A1C2D colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A1C2D; -webkit-box-shadow:4px 4px  
4px 4px #8A1C2D; box-shadow:4px 4px 4px  
4px #8A1C2D }
```

Background

The CSS property to change the background color of an element to Hex 8A1C2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A1C2D }
```

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

```
.background{ background-color:#8A1C2D }
```

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