

# Converting Colors

Hex(8A1F2D)

Have a look what the booklet for  
Hex(8A1F2D) contains.

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# Color

**Hex(8A1F2D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A1F2D
RGB	138, 31, 45
RGB Percent	54%, 12%, 18%
CMY	0.4588, 0.8784, 0.8235
CMYK	0.00, 0.78, 0.67, 0.46
HSL	352°, 63%, 33%
HSV	352°, 78%, 54%
XYZ	11.4449, 6.5727, 3.1481
YIQ	64.5890, 59.2780, 27.0380

# Conversions

## Conversions Part 2

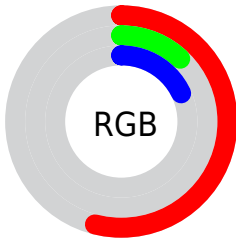
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 31, 45
Decimal	9051949
CIELab	30.81, 45.12, 19.33
CIELCh	31, 49.086, 23.189
Yxy	6.5727, 0.5407, 0.3105
Android (android.graphics.Color)	4287242029 (0xFF8A1F2D)
YUV	64.5890, -9.6574, 64.3814
Hunter-Lab	25.6373, 34.8198, 10.6657

# Details

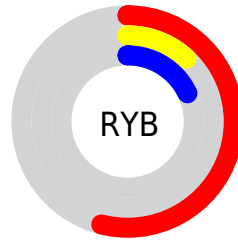
The Hex color **8A1F2D** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1F8A7C**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **C5555B**, and **510000** is the 20% darker color. If you saturate the color by 10%, you get **8A1121**, and if you desaturate by 10%, it is **8A2D39**.

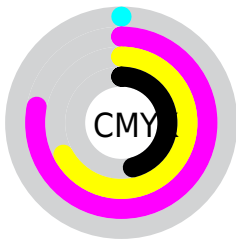
# Distribution



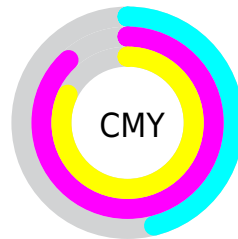
- Red (54%)
- Green (12%)
- Blue (18%)



- Red (54%)
- Yellow (12%)
- Blue (18%)



- Cyan (0%)
- Magenta (78%)
- Yellow (67%)
- Black (46%)



- Cyan (46%)
- Magenta (88%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A1F2D 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 8A1F2D by changing the saturation by 10% instead.



8A1F2D

8A1F2D

FFFFFF

6D0019

C5555B

510000

E37073

370002

FF8A8D

0E0000

FFA6A7

000000

FFC2C2

FFDEDE

FFFCFB

8A1F2D

8A1F2D

■ 8A1121

■ 8A2D39

■ 8A0315

■ 8A3B45

■ 8A0012

■ 8A4851

■ 8A565D

■ 8A6469

■ 8A7275

■ 8A8081

■ 8A8D8D

■ 8A9B99

# Harmonies

## Analogous

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



871B53



8A1F2D



7B3307

# Triad

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



8A1F2D



005616



005095

# Complementary

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



8A1F2D



1F8A7C

# 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.



005786



8A1F2D



00593E

# Square

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



8A1F2D



3C4F00



005966



304290

# Rectangle

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



8A1F2D



6A3F00



005966



005392



# Sweetspot

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



8A1F2D



B3898F



7C1F8A



594044



D9D9D9



595959



# Same Dimension

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



8A1F2D



B30C22



8A461F



453E3F



850011



050001



# Inverse Universe

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



8A1F2D



B30C22



1F638A



453E3F



850011



050001



# Previews

## White Background



This preview shows how the Hex color 8A1F2D looks on a white background.

## Color Contrast Check

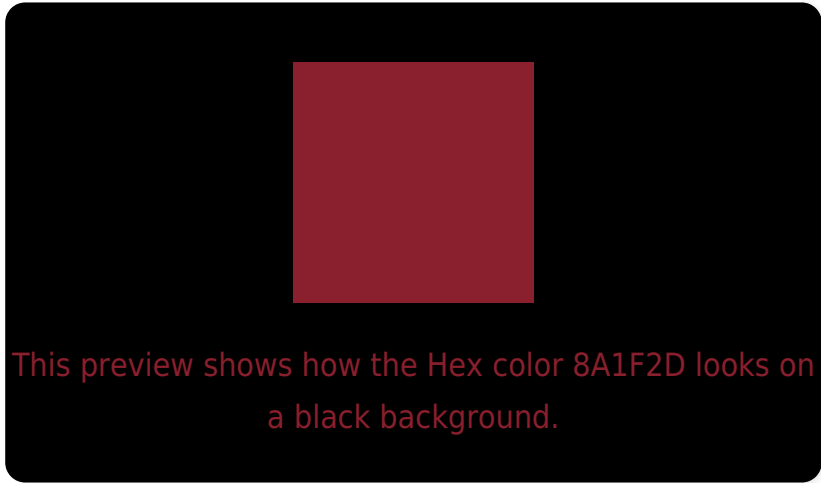
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A1F2D Background



This preview shows how black text looks on a background with the Hex color 8A1F2D.



This preview shows how white text looks on a background with the Hex color 8A1F2D.

# 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**  
8A1F2D

**Protanopia**  
4E4A3E

**Deuteranopia**  
5B4727



# Trichromacy



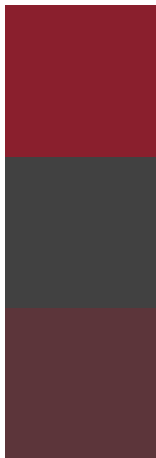
**Original Color**  
8A1F2D

**Protanomaly**  
643A38

**Deuteranomaly**  
6C3829

**Tritanomaly**  
8A2026

# Monochromacy



**Original Color**  
8A1F2D

**Achromatopsia**  
414141

**Achromatomaly**  
5C353A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A1F2D 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 #8A1F2D looks like.

```
.text, #text, p{  
    color:#8A1F2D  
}
```

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 #8A1F2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A1F2D
}
```

## Border

The CSS property to change the border of an element to Hex 8A1F2D is called "border". The border property can be set on classes, ids or directly on the HTML element.

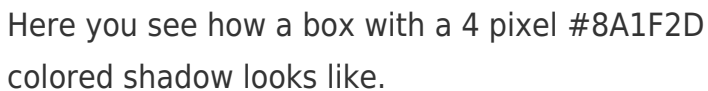
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A1F2D }
```

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

```
.border{ border-color:#8A1F2D }
```

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



Here you see how a box with a 4 pixel #8A1F2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A1F2D; -webkit-box-shadow:4px 4px  
4px 4px #8A1F2D; box-shadow:4px 4px 4px  
4px #8A1F2D }
```

# Background

The CSS property to change the background color of an element to Hex 8A1F2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A1F2D }
```

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

```
.background{ background-color:#8A1F2D }
```

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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