

# Converting Colors

Hex(8A112E)

Have a look what the booklet for  
Hex(8A112E) contains.

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# Color

**Hex(8A112E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A112E
RGB	138, 17, 46
RGB Percent	54%, 7%, 18%
CMY	0.4588, 0.9333, 0.8196
CMYK	0.00, 0.88, 0.67, 0.46
HSL	346°, 78%, 30%
HSV	346°, 88%, 54%
XYZ	11.1748, 6.0014, 3.1542
YIQ	56.4850, 62.8070, 34.6710

# Conversions

## Conversions Part 2

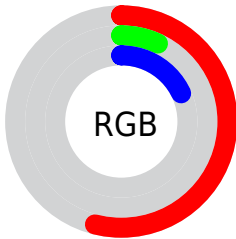
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 17, 46
Decimal	9048366
CIELab	29.42, 49.19, 16.88
CIElCh	29, 52.003, 18.941
Yxy	6.0014, 0.5497, 0.2952
Android (android.graphics.Color)	4287238446 (0xFF8A112E)
YUV	56.4850, -5.1691, 71.4887
Hunter-Lab	24.4978, 38.5527, 9.5147

# Details

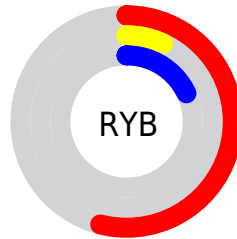
The Hex color **8A112E** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **118A6D**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **C54D5B**, and **510000** is the 20% darker color. If you saturate the color by 10%, you get **8A0324**, and if you desaturate by 10%, it is **8A1F38**.

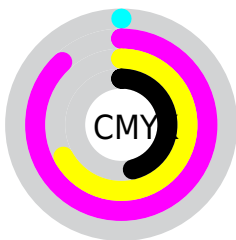
# Distribution



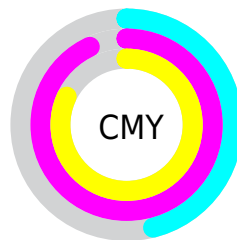
- Red (54%)
- Green (7%)
- Blue (18%)



- Red (54%)
- Yellow (7%)
- Blue (18%)



- Cyan (0%)
- Magenta (88%)
- Yellow (67%)
- Black (46%)



- Cyan (46%)
- Magenta (93%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A112E 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 8A112E by changing the saturation by 10% instead.



 8A112E

 8A112E

FFFFFF

 6D001A

 C54D5B

 510000

 E36874

 370002

 FF838D

 090000

 FF9EA8

 000000

 FFBAC3

 FFD7DF

 FFF4FB

 8A112E

 8A112E

■ 8A0324

■ 8A1F38

■ 8A0021

■ 8A2D43

■ 8A3A4D

■ 8A4858

■ 8A5662

■ 8A646D

■ 8A7277

■ 8A7F82

■ 8A8D8C

# Harmonies

## Analogous

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



841156



8A112E



7C2A05

# Triad

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



8A112E



005206



004F95

# Complementary

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



8A112E



118A6D

# 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.



005582



8A112E



005634

# Square

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



8A112E



3E4B00



00575E



0D4193

# Rectangle

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



8A112E



6C3800



00575E



005191



# Sweetspot

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



8A112E



B3848F



6C118A



593E44



D9D9D9



595959



# Same Dimension

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



8A112E



B3002B



8A2F11



453E40



850020



050001



# Inverse Universe

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



8A112E



B3002B



116C8A



453E40



850020

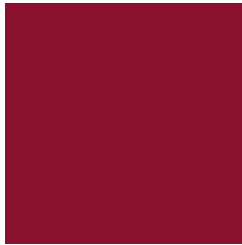


050001



# Previews

## White Background



This preview shows how the Hex color 8A112E looks on a white background.

## Color Contrast Check

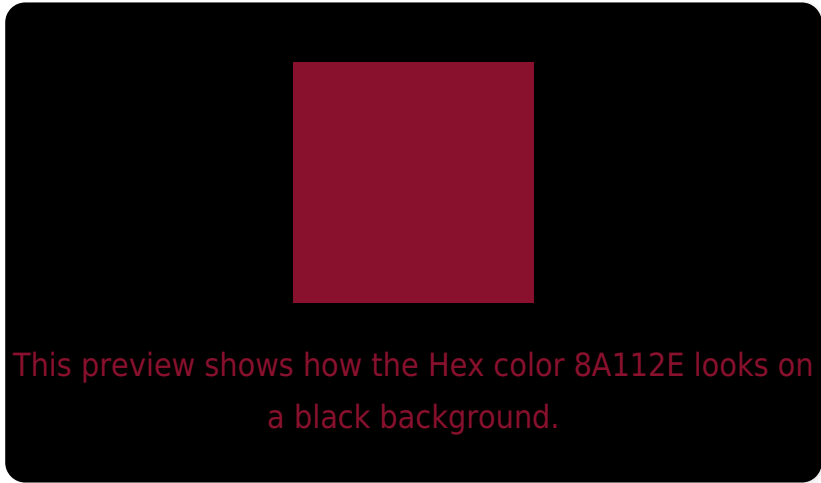
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A112E Background



This preview shows how black text looks on a background with the Hex color 8A112E.



This preview shows how white text looks on a background with the Hex color 8A112E.

# 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**  
8A112E

**Protanopia**  
4A4742

**Deuteranopia**  
574428



**Tritanopia**  
891817

# Trichromacy



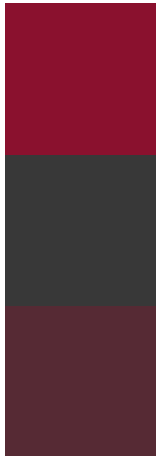
**Original Color**  
8A112E

**Protanomaly**  
61333B

**Deuteranomaly**  
6A312A

**Tritanomaly**  
89151F

# Monochromacy



**Original Color**  
8A112E

**Achromatopsia**  
383838

**Achromatomaly**  
562A34

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A112E 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 #8A112E looks like.

```
.text, #text, p{  
    color:#8A112E  
}
```

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 #8A112E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A112E
}
```

## Border

The CSS property to change the border of an element to Hex 8A112E is called "border". The border property can be set on classes, ids or directly on the HTML element.

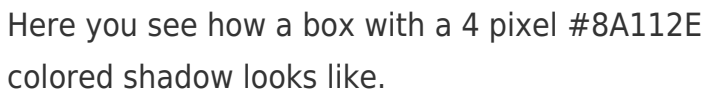
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A112E }
```

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

```
.border{ border-color:#8A112E }
```

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



Here you see how a box with a 4 pixel #8A112E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A112E; -webkit-box-shadow:4px 4px  
4px 4px #8A112E; box-shadow:4px 4px 4px  
4px #8A112E }
```

# Background

The CSS property to change the background color of an element to Hex 8A112E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A112E }
```

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

```
.background{ background-color:#8A112E }
```

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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