

# Converting Colors

Hex(8C112A)

Have a look what the booklet for  
Hex(8C112A) contains.

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# Color

**Hex(8C112A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C112A
RGB	140, 17, 42
RGB Percent	55%, 7%, 16%
CMY	0.4510, 0.9333, 0.8353
CMYK	0.00, 0.88, 0.70, 0.45
HSL	348°, 78%, 31%
HSV	348°, 88%, 55%
XYZ	11.4336, 6.1435, 2.7737
YIQ	56.6270, 65.2830, 33.8510

# Conversions

## Conversions Part 2

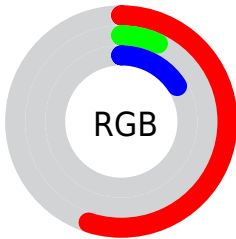
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 17, 42
Decimal	9179434
CIE <sub>Lab</sub>	29.77, 49.53, 20.07
CIE <sub>LCh</sub>	30, 53.442, 22.057
Yxy	6.1435, 0.5618, 0.3019
Android (android.graphics.Color)	4287369514 (0xFF8C112A)
YUV	56.6270, -7.2111, 73.1181
Hunter-Lab	24.7861, 38.9646, 10.7154

# Details

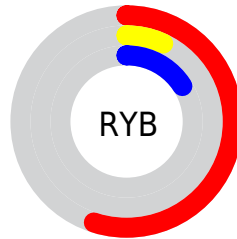
The Hex color **8C112A** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **118C73**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **C84D57**, and **520000** is the 20% darker color. If you saturate the color by 10%, you get **8C031F**, and if you desaturate by 10%, it is **8C1F35**.

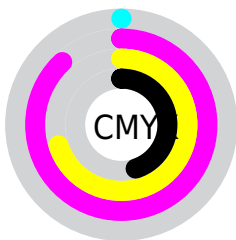
# Distribution



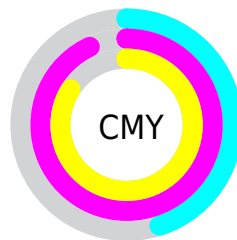
- Red (55%)
- Green (7%)
- Blue (16%)



- Red (55%)
- Yellow (7%)
- Blue (16%)



- Cyan (0%)
- Magenta (88%)
- Yellow (70%)
- Black (45%)



- Cyan (45%)
- Magenta (93%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C112A 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 8C112A by changing the saturation by 10% instead.





8C112A



8C112A

FFFFFF



6F0016



C84D57



520000



E6686F



380002



FF8389



0E0000



FF9FA3



000000



FFBBBE



FFD7DA



FFF4F6



8C112A



8C112A

■ 8C031F

■ 8C1F35

■ 8C001C

■ 8C2D40

■ 8C3B4B

■ 8C4957

■ 8C5762

■ 8C656D

■ 8C7378

■ 8C8183

■ 8C8F8E

# Harmonies

## Analogous

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



880B53



8C112A



7C2C00

# Triad

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



8C112A



00540A



004F99

# Complementary

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



8C112A



118C73

# 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.



005688



8C112A



005739

# Square

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



8C112A



3A4D00



005864



204094

# Rectangle

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



8C112A



6B3B00



005864



005296



# Sweetspot

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



8C112A



B58690



71118C



5C3F45



DBDBDB



5C5C5C



# Same Dimension

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



8C112A



B50025



8C3411



453E3F



85001B



050001



# Inverse Universe

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



8C112A



B50025



11698C



453E3F



85001B

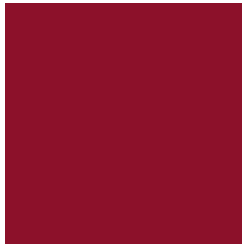


050001



# Previews

## White Background



This preview shows how the Hex color 8C112A 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 8C112A Background



This preview shows how black text looks on a background with the Hex color 8C112A.



This preview shows how white text looks on a background with the Hex color 8C112A.

# 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**  
8C112A

**Protanopia**  
4C483D

**Deuteranopia**  
594523



**Tritanopia**  
8B1715

# Trichromacy



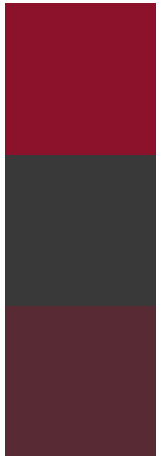
**Original Color**  
8C112A

**Protanomaly**  
633436

**Deuteranomaly**  
6C3226

**Tritanomaly**  
8B151D

# Monochromacy



**Original Color**  
8C112A

**Achromatopsia**  
393939

**Achromatomaly**  
572A34

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C112A 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 #8C112A looks like.

```
.text, #text, p{  
    color:#8C112A  
}
```

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 #8C112A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C112A
}
```

## Border

The CSS property to change the border of an element to Hex 8C112A 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
#8C112A }
```

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

```
.border{ border-color:#8C112A }
```

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

Here you see how a box with a 4 pixel #8C112A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C112A; -webkit-box-shadow:4px 4px  
4px 4px #8C112A; box-shadow:4px 4px 4px  
4px #8C112A }
```

# Background

The CSS property to change the background color of an element to Hex 8C112A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C112A }
```

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

```
.background{ background-color:#8C112A }
```

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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