

# Converting Colors

Hex(89142A)

Have a look what the booklet for  
Hex(89142A) contains.

|                                                |    |
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**Color**

**Hex(89142A)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 89142A                    |
| RGB           | 137, 20, 42               |
| RGB Percent   | 54%, 8%, 16%              |
| CMY           | 0.4627, 0.9216, 0.8353    |
| CMYK          | 0.00, 0.85, 0.69, 0.46    |
| HSL           | 349°, 75%, 31%            |
| HSV           | 349°, 85%, 54%            |
| XYZ           | 10.9846, 5.9858, 2.7669   |
| YIQ           | 57.4910, 62.6700, 31.6460 |

# Conversions

## Conversions Part 2

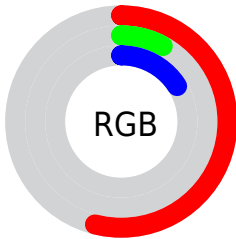
| Format                              | Color                        |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 137, 20, 42                  |
| Decimal                             | 8983594                      |
| CIE Lab                             | 29.38, 47.96, 19.44          |
| CIE LCh                             | 29, 51.748, 22.061           |
| Yxy                                 | 5.9858, 0.5565,<br>0.3033    |
| Android<br>(android.graphics.Color) | 4287173674<br>(0xFF89142A)   |
| YUV                                 | 57.4910, -7.6371,<br>69.7294 |
| Hunter-Lab                          | 24.4660, 37.3265,<br>10.4209 |

# Details

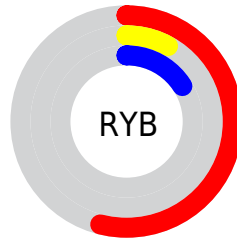
The Hex color **89142A** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **148973**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **C44E57**, and **500000** is the 20% darker color. If you saturate the color by 10%, you get **89061F**, and if you desaturate by 10%, it is **892235**.

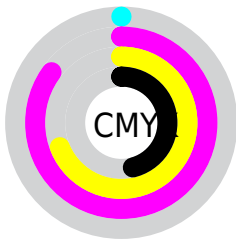
# Distribution



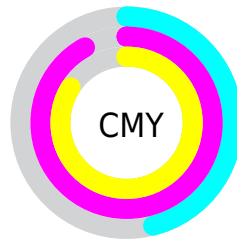
- Red (54%)
- Green (8%)
- Blue (16%)



- Red (54%)
- Yellow (8%)
- Blue (16%)



- Cyan (0%)
- Magenta (85%)
- Yellow (69%)
- Black (46%)



- Cyan (46%)
- Magenta (92%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89142A 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 89142A by changing the saturation by 10% instead.



 89142A

 89142A

FFFFFF

 6C0016

 C44E57

 500000

 E2696F

 360002

 FF8489

 060000

 FF9FA3

 000000

 FFBBBE

 FFD8DA

 FFF5F6

 89142A

 89142A

89061F

892235

89001A

892F40

893D4B

894B56

895962

89666D

897478

898283

898F8E

# Harmonies

## Analogous

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



851052



89142A



7A2D00

# Triad

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



89142A



00530C



004E96

# Complementary

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



89142A



148973

# 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.



005484



89142A



005639

# Square

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



89142A



3A4C00



005662



233F91

# Rectangle

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



89142A



693A00



005662



005192



# Sweetspot

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



89142A



B3848D



721489



593E43



D9D9D9



595959



# Same Dimension

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



89142A



B30022



893714



453E3F



850019



050001



# Inverse Universe

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



89142A



B30022



146689



453E3F



850019

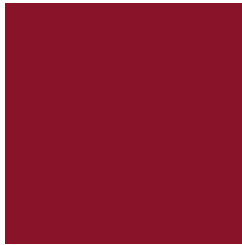


050001



# Previews

## White Background



This preview shows how the Hex color 89142A 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 89142A Background



This preview shows how black text looks on a background with the Hex color 89142A.

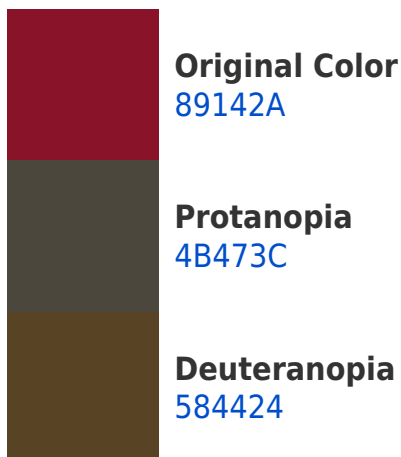


This preview shows how white text looks on a background with the Hex color 89142A.

# 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





**Tritanopia**  
881818

# Trichromacy



**Original Color**  
89142A

**Protanomaly**  
623435

**Deuteranomaly**  
6A3326

**Tritanomaly**  
88171F

# Monochromacy



**Original Color**  
89142A

**Achromatopsia**  
393939

**Achromatomaly**  
562C34

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89142A 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 #89142A looks like.

```
.text, #text, p{  
    color:#89142A  
}
```

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 #89142A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89142A
}
```

## Border

The CSS property to change the border of an element to Hex 89142A 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".

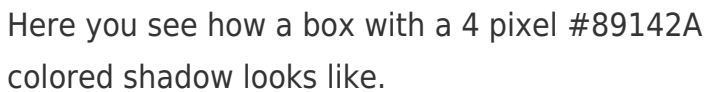
```
.border, #border, table{ border:4px solid
#89142A }
```

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

```
.border{ border-color:#89142A }
```

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

Here you see how a box with a 4 pixel #89142A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89142A; -webkit-box-shadow:4px 4px  
4px 4px #89142A; box-shadow:4px 4px 4px  
4px #89142A }
```

# Background

The CSS property to change the background color of an element to Hex 89142A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89142A }
```

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

```
.background{ background-color:#89142A }
```

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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