

# Converting Colors

Hex(89014A)

Have a look what the booklet for  
Hex(89014A) contains.

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# Color

**Hex(89014A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	89014A
RGB	137, 1, 74
RGB Percent	54%, 0%, 29%
CMY	0.4627, 0.9961, 0.7098
CMYK	0.00, 0.99, 0.46, 0.46
HSL	328°, 99%, 27%
HSV	328°, 99%, 54%
XYZ	11.5634, 5.8345, 6.9953
YIQ	49.9860, 57.6230, 51.5350

# Conversions

## Conversions Part 2

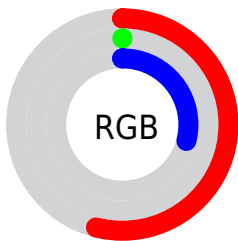
Format	Color
<b>RYB</b>	137, 1, 74
Decimal	8978762
CIELab	28.99, 53.83, -2.53
CIELCh	29, 53.886, 357.307
Yxy	5.8345, 0.4740, 0.2392
Android (android.graphics.Color)	4287168842 (0xFF89014A)
YUV	49.9860, 11.8389, 76.3113
Hunter-Lab	24.1547, 43.1815, -0.2623

# Details

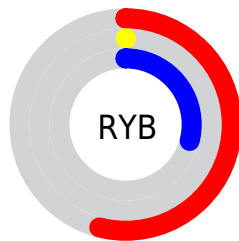
The Hex color **89014A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **018940**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **C3487A**, and **51001F** is the 20% darker color. If you saturate the color by 10%, you get **89004A**, and if you desaturate by 10%, it is **890F50**.

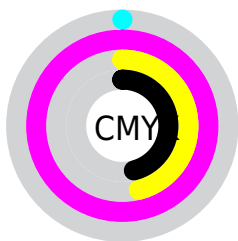
# Distribution



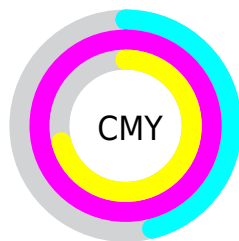
- Red (54%)
- Green (0%)
- Blue (29%)



- Red (54%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (99%)
- Yellow (46%)
- Black (46%)



- Cyan (46%)
- Magenta (100%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89014A 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 89014A by changing the saturation by 10% instead.



 89014A

 89014A

FFFFFF

 6D0034

 C3487A

 51001F

 E16394

 390004

 FF7EAF

 100000

 FF9ACA

 000000

 FFB6E6

 FFD3FF

 FFF0FF

 89014A

 89014A

■ 89004A

■ 890F50

■ 891C57

■ 892A5D

■ 893863

■ 89466A

■ 895370

■ 896176

■ 896F7D

■ 897C83

# Harmonies

## Analogous

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



712172



89014A



891221

# Triad

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



89014A



2F4D00



00538B

# Complementary

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



89014A



018940

# 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.



00566A



89014A



005312

# Square

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



89014A



584100



00553F



004B99

# Rectangle

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



89014A



7E2603



00553F



005581



# Sweetspot

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



89014A



B37D9A



3E0189



59394A



D9D9D9



595959



# Same Dimension

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



89014A



B30060



890108



453E42



850047



050003



# Inverse Universe

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



89014A



B30060



018982



453E42



850047

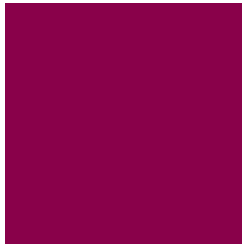


050003



# Previews

## White Background



This preview shows how the Hex color 89014A looks on a white background.

## Color Contrast Check

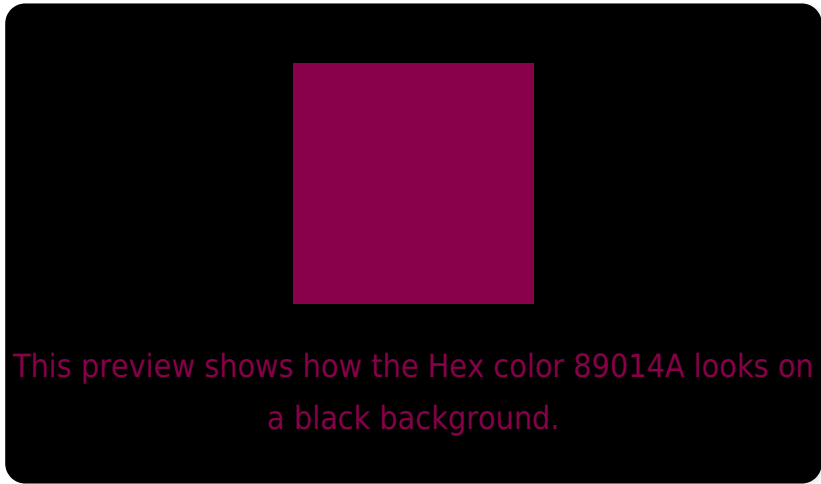
Large Text (above 18pt) WCAG AA ✓ Pass

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 89014A Background



This preview shows how black text looks on a background with the Hex color 89014A.

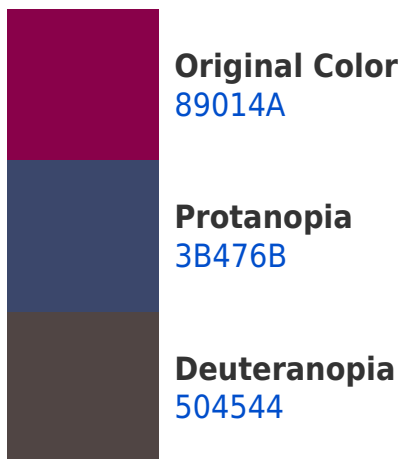


This preview shows how white text looks on a background with the Hex color 89014A.

# 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





# Trichromacy



**Original Color**  
89014A

**Protanomaly**  
572E5F

**Deuteranomaly**  
652C46

**Tritanomaly**  
88132E

# Monochromacy



**Original Color**  
89014A

**Achromatopsia**  
323232

**Achromatomaly**  
52203B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89014A 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 #89014A looks like.

```
.text, #text, p{  
    color:#89014A  
}
```

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 #89014A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89014A
}
```

## Border

The CSS property to change the border of an element to Hex 89014A is called "border". The border property can be set on classes, ids or directly on the HTML element.

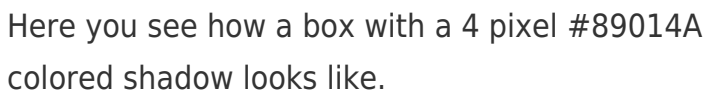
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#89014A }
```

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

```
.border{ border-color:#89014A }
```

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



Here you see how a box with a 4 pixel #89014A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89014A; -webkit-box-shadow:4px 4px  
4px 4px #89014A; box-shadow:4px 4px 4px  
4px #89014A }
```

# Background

The CSS property to change the background color of an element to Hex 89014A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89014A }
```

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

```
.background{ background-color:#89014A }
```

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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