

# Converting Colors

Hex(89529B)

Have a look what the booklet for  
Hex(89529B) contains.

<b>Hex(89529B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(89529B)**

# Conversions

Conversions Part 1	
Format	Color
Hex	89529B
RGB	137, 82, 155
RGB Percent	54%, 32%, 61%
CMY	0.4627, 0.6784, 0.3922
CMYK	0.12, 0.47, 0.00, 0.39
HSL	285°, 31%, 46%
HSV	285°, 47%, 61%
XYZ	19.2502, 13.7195, 32.6439
YIQ	106.7670, 9.3470, 34.3630

# Conversions

## Conversions Part 2

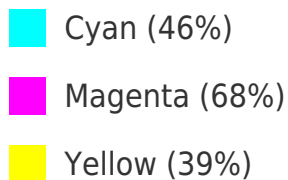
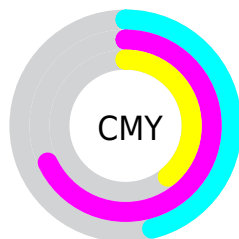
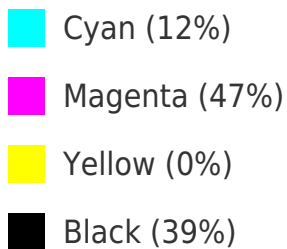
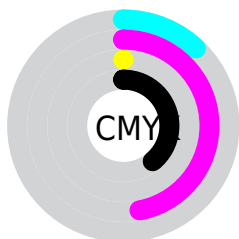
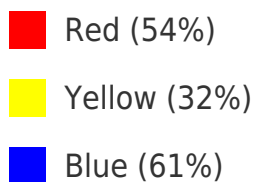
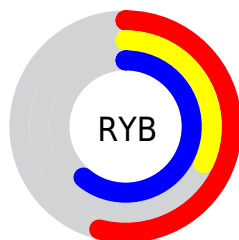
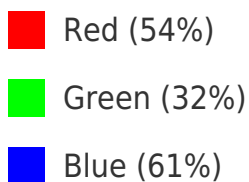
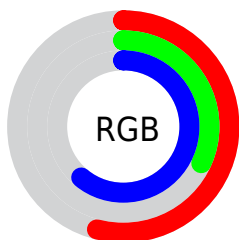
Format	Color
<a href="#">RYB</a>	<a href="#">137, 82, 155</a>
Decimal	<a href="#">8999579</a>
CIELab	<a href="#">43.83, 35.75, -30.71</a>
CIELCh	<a href="#">44, 47.128, 319.342</a>
Yxy	<a href="#">13.7195, 0.2934, 0.2091</a>
Android (android.graphics.Color)	<a href="#">4287189659</a> (0xFF89529B)
YUV	<a href="#">106.7670, 23.7789, 26.5143</a>
Hunter-Lab	<a href="#">37.0399, 27.9496, -26.3254</a>

# Details

The Hex color **89529B** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **649B52**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **C085D2**, and **552267** is the 20% darker color. If you saturate the color by 10%, you get **85439B**, and if you desaturate by 10%, it is **8D629B**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 89529B 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 89529B by changing the saturation by 10% instead.



 89529B

 89529B

FFFFFF

 6F3A81

 C085D2

 552267

 DCA0EE

 3C084F

 F9BBFF

 250038

 FFD7FF

 000022

 FFF4FF

 000007


 000000


 89529B

 89529B

 85439B

 8D629B

 81339B

 91719B

 7E239B

 94819B

 7A149B

 98909B

 76059B

 9CA09B

 75009B

 A0AF9B

 A4BE9B

 A8CE9B

 ABDE9B

# Harmonies

## Analogous

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



4D63B2



89529B



A74477

# Triad

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



89529B



876113



007A80

# Complementary

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



89529B



649B52

# 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.



007958



89529B



636D14

# Square

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



89529B



A2512D



337532



0077A2

# Rectangle

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



89529B



AE425D



337532



007A73



# Sweetspot

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



89529B



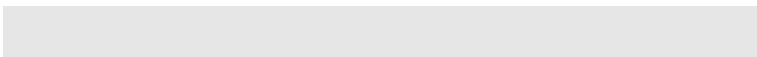
C2ADC9



52649B



625566



E6E6E6



666666



# Same Dimension

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



89529B



AD57C9



9B5289



4B454D



6A008C



0A000D



# Inverse Universe

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



9B5264



C95773



529B64



4D4547



8C0023

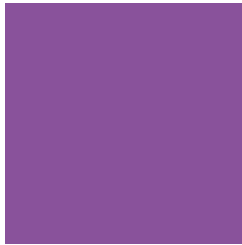


0D0003



# Previews

## White Background



This preview shows how the Hex color 89529B looks on a white background.

## Color Contrast Check

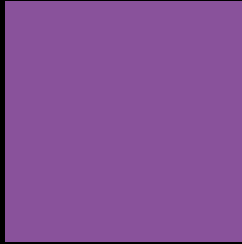
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 89529B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 89529B Background



This preview shows how black text looks on a background with the Hex color 89529B.



This preview shows how white text looks on a background with the Hex color 89529B.

# 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**

89529B

**Protanopia**

4B66AC





**Deuteranopia**

556797






**Tritanopia**  
815E66

# Trichromacy

	<b>Original Color</b> 89529B
	<b>Protanomaly</b> 625FA6
	<b>Deuteranomaly</b> 685F98
	<b>Tritanomaly</b> 845A79

# Monochromacy

	<b>Original Color</b> 89529B
	<b>Achromatopsia</b> 6B6B6B
	<b>Achromatomaly</b> 76627C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89529B 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 #89529B looks like.

```
.text, #text, p{  
    color:#89529B  
}
```

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 #89529B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89529B
}
```

## Border

The CSS property to change the border of an element to Hex 89529B 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
#89529B }
```

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

```
.border{ border-color:#89529B }
```

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

Here you see how a box with a 4 pixel #89529B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89529B; -webkit-box-shadow:4px 4px  
4px 4px #89529B; box-shadow:4px 4px 4px  
4px #89529B }
```

# Background

The CSS property to change the background color of an element to Hex 89529B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89529B }
```

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

```
.background{ background-color:#89529B }
```

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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