

# Converting Colors

Hex(89549C)

Have a look what the booklet for  
Hex(89549C) contains.

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# Color

Hex(89549C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	89549C
RGB	137, 84, 156
RGB Percent	54%, 33%, 61%
CMY	0.4627, 0.6706, 0.3882
CMYK	0.12, 0.46, 0.00, 0.39
HSL	284°, 30%, 47%
HSV	284°, 46%, 61%
XYZ	19.4876, 14.0593, 33.1391
YIQ	108.0550, 8.4760, 33.6280

# Conversions

## Conversions Part 2

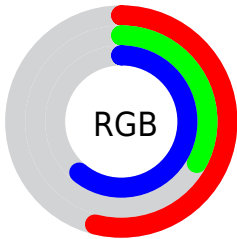
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 84, 156
Decimal	9000092
CIE <sub>Lab</sub>	44.32, 34.84, -30.54
CIE <sub>LCh</sub>	44, 46.329, 318.770
Yxy	14.0593, 0.2922, 0.2108
Android (android.graphics.Color)	4287190172 (0xFF89549C)
YUV	108.0550, 23.6369, 25.3848
Hunter-Lab	37.4958, 27.1539, -26.1540

# Details

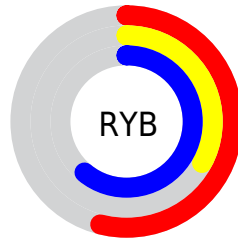
The Hex color **89549C** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **679C54**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **C087D3**, and **552468** is the 20% darker color. If you saturate the color by 10%, you get **85449C**, and if you desaturate by 10%, it is **8D649C**.

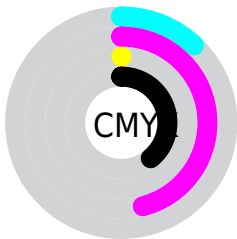
# Distribution



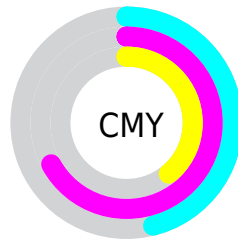
- Red (54%)
- Green (33%)
- Blue (61%)



- Red (54%)
- Yellow (33%)
- Blue (61%)



- Cyan (12%)
- Magenta (46%)
- Yellow (0%)
- Black (39%)



- Cyan (46%)
- Magenta (67%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89549C 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 89549C by changing the saturation by 10% instead.



89549C

89549C

FFFFFF

6F3C82

C087D3

552468

DCA2EF

3C0B50

F9BDFF

250039

FFD9FF

020022

FFF6FF

000009

000000

89549C

89549C

85449C

8D649C

81359C

91739C

7D259C

95839C

79169C

99929C

74069C

9EA29C

73009C

A2B29C

A6C19C

AAD19C

AEE09C

# Harmonies

## Analogous

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



4E65B2



89549C



A74679

# Triad

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



89549C



896217



007B80

# Complementary

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



89549C



679C54

# 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.



007A59



89549C



666E17

# Square

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



89549C



A35230



377633



0079A2

# Rectangle

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



89549C



AF445F



377633



007B73



# Sweetspot

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



89549C



C4AFCC



54679C



615566



E6E6E6



666666



# Same Dimension

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



89549C



AE5CCC



9C548B



4D474F



69008F



0B000F



# Inverse Universe

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



9C5467



CC5C79



549C65



4F4749



8F0026

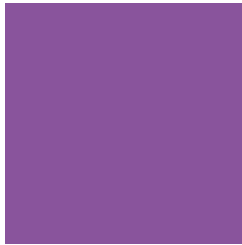


0F0004



# Previews

## White Background



This preview shows how the Hex color 89549C looks on a white background.

## Color Contrast Check

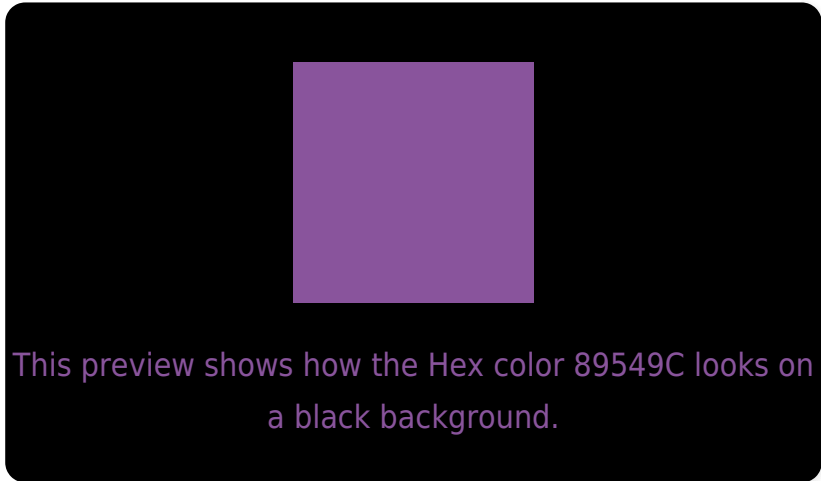
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

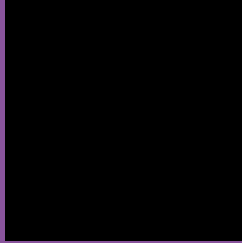
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 89549C Background



This preview shows how black text looks on a background with the Hex color 89549C.



This preview shows how white text looks on a background with the Hex color 89549C.

# 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**  
89549C

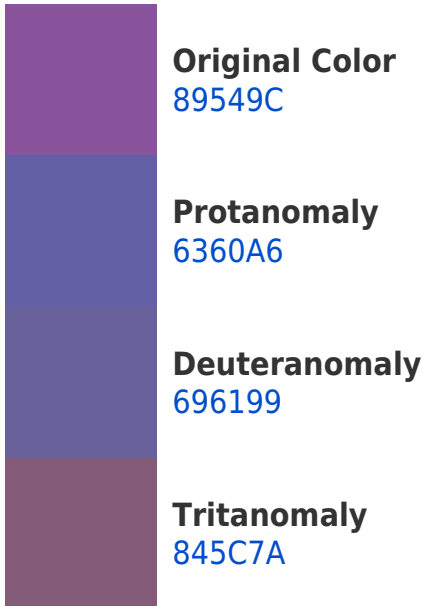
**Protanopia**  
4D67AC

**Deuteranopia**  
566898



**Tritanopia**  
816067

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89549C 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 #89549C looks like.

```
.text, #text, p{  
    color:#89549C  
}
```

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 #89549C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89549C
}
```

## Border

The CSS property to change the border of an element to Hex 89549C is called "border". The border property can be set on classes, ids or directly on the HTML element.

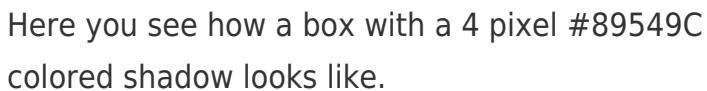
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#89549C }
```

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

```
.border{ border-color:#89549C }
```

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



Here you see how a box with a 4 pixel #89549C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89549C; -webkit-box-shadow:4px 4px  
4px 4px #89549C; box-shadow:4px 4px 4px  
4px #89549C }
```

# Background

The CSS property to change the background color of an element to Hex 89549C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89549C }
```

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

```
.background{ background-color:#89549C }
```

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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