

Converting Colors

Hex(89519E)

Have a look what the booklet for
Hex(89519E) contains.

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Color

Hex(89519E)

Conversions

Conversions Part 1

Format	Color
Hex	89519E
RGB	137, 81, 158
RGB Percent	54%, 32%, 62%
CMY	0.4627, 0.6824, 0.3804
CMYK	0.13, 0.49, 0.00, 0.38
HSL	284°, 32%, 47%
HSV	284°, 49%, 62%
XYZ	19.4305, 13.6718, 33.9626
YIQ	106.5220, 8.6590, 35.8190

Conversions

Conversions Part 2

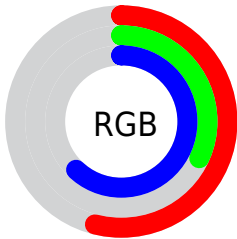
Format	Color
R_{YB}	137, 81, 158
Decimal	8999326
CIE Lab	43.76, 36.97, -32.60
CIE LCh	44, 49.290, 318.587
Yxy	13.6718, 0.2897, 0.2039
Android (android.graphics.Color)	4287189406 (0xFF89519E)
YUV	106.5220, 25.3787, 26.7292
Hunter-Lab	36.9755, 29.0943, -28.5760

Details

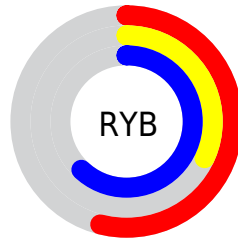
The Hex color **89519E** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **669E51**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **C084D5**, and **55206A** is the 20% darker color. If you saturate the color by 10%, you get **85419E**, and if you desaturate by 10%, it is **8D619E**.

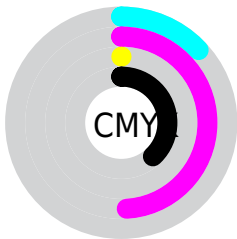
Distribution



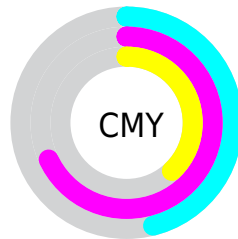
- Red (54%)
- Green (32%)
- Blue (62%)



- Red (54%)
- Yellow (32%)
- Blue (62%)



- Cyan (13%)
- Magenta (49%)
- Yellow (0%)
- Black (38%)



- Cyan (46%)
- Magenta (68%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89519E 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 89519E by changing the saturation by 10% instead.

89519E

89519E

FFFFFF

6F3984

C084D5

55206A

DC9FF2

3C0652

F9BAFF

25003A

FFD6FF

000024

FFF3FF

00000B

000000

89519E

89519E

85419E

8D619E

80319E

92719E

7C229E

96809E

78129E

9A909E

73029E

9FA09E

73009E

A3B09E

A7C09E

ABCF9E

B0DF9E

Harmonies

Analogous

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



4863B5



89519E



A94279

Triad

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



89519E



89600C



007B80

Complementary

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



89519E



669E51

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.



007A56



89519E



646D0C

Square

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



89519E



A44F2B



31752E



0078A4

Rectangle

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



89519E



B13F5D



31752E



007B72

Sweetspot

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



89519E



C6B0CF



51679E



635669



E8E8E8



696969

Same Dimension

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



89519E



AE57CF



9E518D



4D474F



68008F



0B000F

Inverse Universe

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



9E5166



CF5777



519E62



4F4749



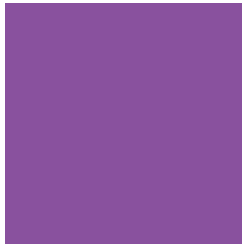
8F0027



0F0004

Previews

White Background



This preview shows how the Hex color 89519E looks on a white background.

Color Contrast Check

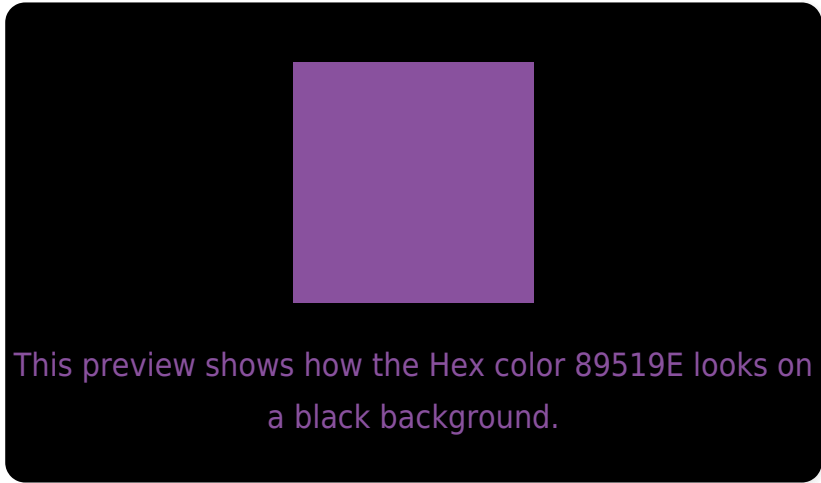
Large Text (above 18pt) WCAG AA ✓ Pass

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

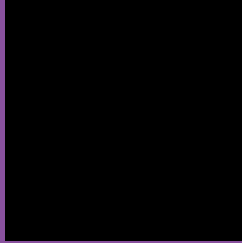
Any Text WCAG AA × Fail

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 89519E Background



This preview shows how black text looks on a background with the Hex color 89519E.

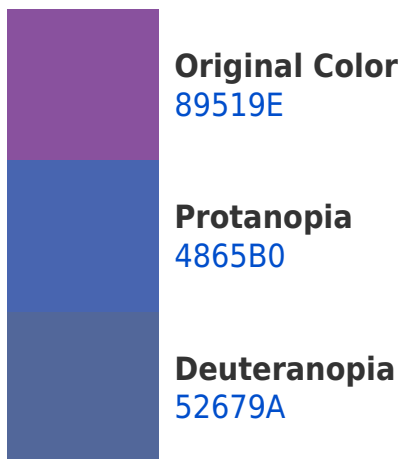



This preview shows how white text looks on a background with the Hex color 89519E.

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](#).

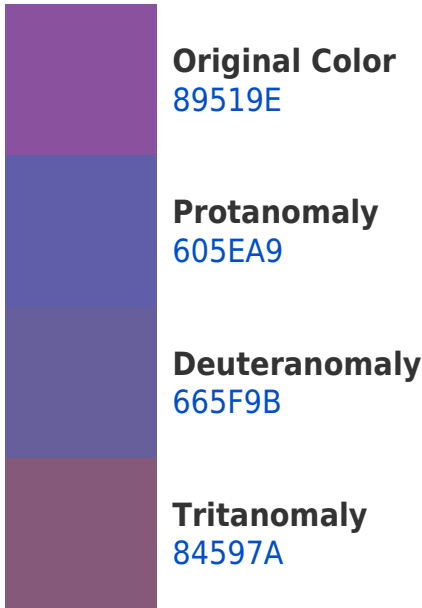
Dichromacy



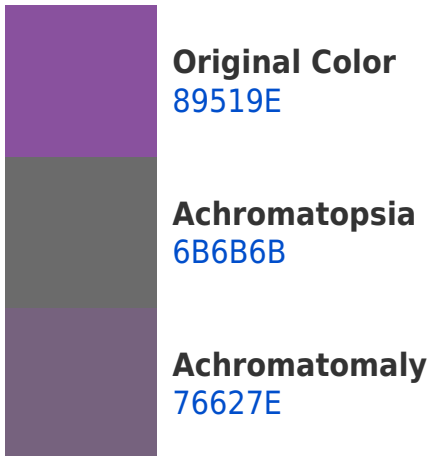


Tritanopia
815E66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89519E 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 #89519E looks like.

```
.text, #text, p{  
    color:#89519E  
}
```

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 #89519E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89519E
}
```

Border

The CSS property to change the border of an element to Hex 89519E is called "border". The border property can be set on classes, ids or directly on the HTML element.

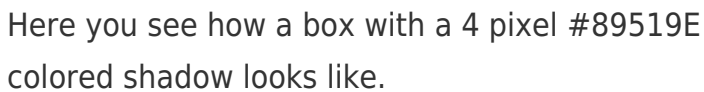
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#89519E }
```

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

```
.border{ border-color:#89519E }
```

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



Here you see how a box with a 4 pixel #89519E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89519E; -webkit-box-shadow:4px 4px  
4px 4px #89519E; box-shadow:4px 4px 4px  
4px #89519E }
```

Background

The CSS property to change the background color of an element to Hex 89519E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89519E }
```

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

```
.background{ background-color:#89519E }
```

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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