

Converting Colors

Hex(94589C)

Have a look what the booklet for
Hex(94589C) contains.

Hex(94589C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(94589C)

Conversions

Conversions Part 1

Format	Color
Hex	94589C
RGB	148, 88, 156
RGB Percent	58%, 35%, 61%
CMY	0.4196, 0.6549, 0.3882
CMYK	0.05, 0.44, 0.00, 0.39
HSL	293°, 28%, 48%
HSV	293°, 44%, 61%
XYZ	21.7032, 15.6756, 33.3343
YIQ	113.6920, 13.9320, 33.8680

Conversions

Conversions Part 2

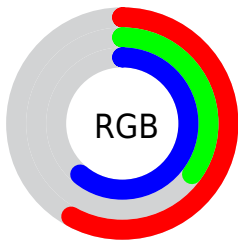
Format	Color
R_{YB}	148, 88, 156
Decimal	9722012
CIE _{Lab}	46.55, 36.01, -26.96
CIE _{LCh}	47, 44.985, 323.184
Yxy	15.6756, 0.3069, 0.2217
Android (android.graphics.Color)	4287912092 (0xFF94589C)
YUV	113.6920, 20.8578, 30.0881
Hunter-Lab	39.5925, 28.5606, -22.2036

Details

The Hex color **94589C** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **609C58**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **CB8BD3**, and **602768** is the 20% darker color. If you saturate the color by 10%, you get **92489C**, and if you desaturate by 10%, it is **96689C**.

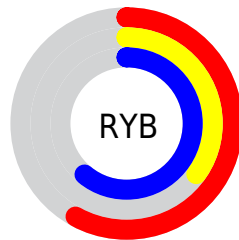
Distribution



Red (58%)

Green (35%)

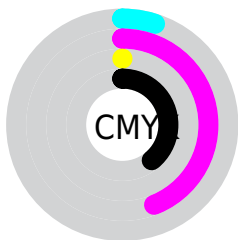
Blue (61%)



Red (58%)

Yellow (35%)

Blue (61%)

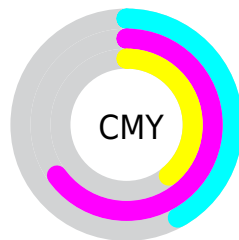


Cyan (5%)

Magenta (44%)

Yellow (0%)

Black (39%)



Cyan (42%)

Magenta (65%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94589C 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 94589C by changing the saturation by 10% instead.



94589C



94589C

FFFFFF



793F82



CB8BD3



602768



E8A6EF



470E50



FFC2FF



2E0039



FFDEFF



180023



FFFBFF



000009



000000



94589C



94589C



92489C



96689C

90399C

98779C

8E299C

9A879C

8D1A9C

9B969C

8B0A9C

9DA69C

8A009C

9FB69C

A1C59C

A3D59C

A5E49C

Harmonies

Analogous

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



6068B4



94589C



AE4D79

Triad

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



94589C



8A691E



00808B

Complementary

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



94589C



609C58

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.



008064



94589C



667523

Square

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



94589C



A55B32



367C3F



007DAA

Rectangle

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



94589C



B44C5F



367C3F



00817E

Sweetspot

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



94589C



C9B1CC



58619C



645666



E6E6E6



666666

Same Dimension

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



94589C



C062CC



9C5883



4E474F



7E008F



0E000F

Inverse Universe

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



9C5860



CC626E



589C71



4F4748



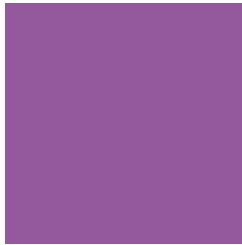
8F0011



0F0002

Previews

White Background



This preview shows how the Hex color 94589C looks on a white background.

Color Contrast Check

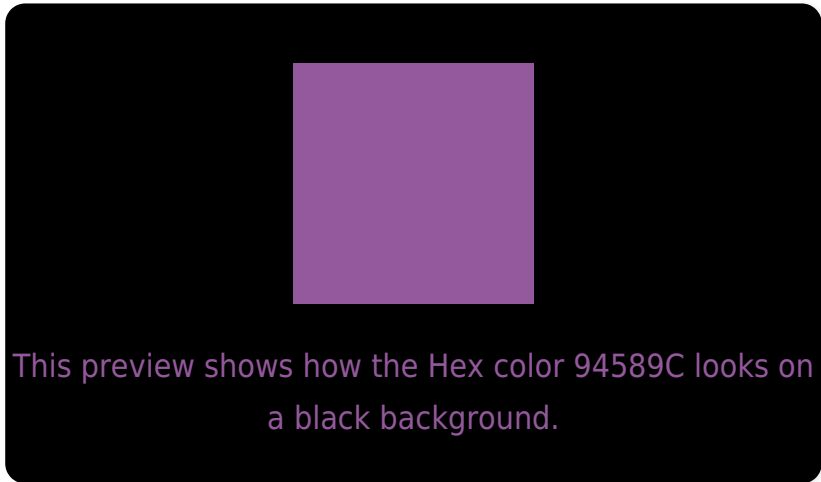
Large Text (above 18pt) WCAG AA ✓ Pass

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

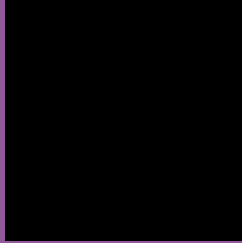
Any Text WCAG AA × Fail

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 94589C Background



This preview shows how black text looks on a background with the Hex color 94589C.



This preview shows how white text looks on a background with the Hex color 94589C.

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
94589C

Protanopia
576DAD

Deuteranopia
626D98



Tritanopia
8D636B

Trichromacy



Original Color
94589C



Protanomaly
6D65A7



Deuteranomaly
746599



Tritanomaly
905F7D

Monochromacy



Original Color
94589C



Achromatopsia
727272



Achromatomaly
7E6981

CSS Examples

Text

The CSS property to change the color of the text to Hex 94589C 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 #94589C looks like.

```
.text, #text, p{  
    color:#94589C  
}
```

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 #94589C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94589C
}
```

Border

The CSS property to change the border of an element to Hex 94589C is called "border". The border property can be set on classes, ids or directly on the HTML element.

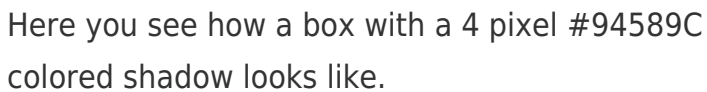
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#94589C }
```

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

```
.border{ border-color:#94589C }
```

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



Here you see how a box with a 4 pixel #94589C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94589C; -webkit-box-shadow:4px 4px  
4px 4px #94589C; box-shadow:4px 4px 4px  
4px #94589C }
```

Background

The CSS property to change the background color of an element to Hex 94589C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94589C }
```

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

```
.background{ background-color:#94589C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor