

Converting Colors

Hex(94309C)

Have a look what the booklet for
Hex(94309C) contains.

Hex(94309C)	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(94309C)

Conversions

Conversions Part 1

Format	Color
Hex	94309C
RGB	148, 48, 156
RGB Percent	58%, 19%, 61%
CMY	0.4196, 0.8118, 0.3882
CMYK	0.05, 0.69, 0.00, 0.39
HSL	296°, 53%, 40%
HSV	296°, 69%, 61%
XYZ	19.2704, 10.8101, 32.5234
YIQ	90.2120, 24.9320, 54.7880

Conversions

Conversions Part 2

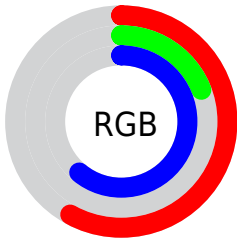
Format	Color
RYB	148, 48, 156
Decimal	9711772
CIELab	39.26, 55.55, -38.42
CIElCh	39, 67.541, 325.332
Yxy	10.8101, 0.3078, 0.1727
Android (android.graphics.Color)	4287901852 (0xFF94309C)
YUV	90.2120, 32.4335, 50.6801
Hunter-Lab	32.8787, 47.0823, -35.6341

Details

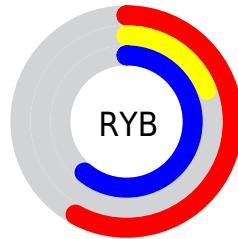
The Hex color **94309C** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **389C30**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **CD67D3**, and **5E0068** is the 20% darker color. If you saturate the color by 10%, you get **93209C**, and if you desaturate by 10%, it is **95409C**.

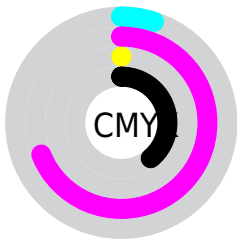
Distribution



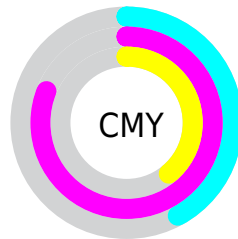
- Red (58%)
- Green (19%)
- Blue (61%)



- Red (58%)
- Yellow (19%)
- Blue (61%)



- Cyan (5%)
- Magenta (69%)
- Yellow (0%)
- Black (39%)



- Cyan (42%)
- Magenta (81%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94309C 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 94309C by changing the saturation by 10% instead.

94309C

94309C

FFFFFF

780E82

CD67D3

5E0068

EA82F0

43004F

FF9EFF

2C0038

FFBAFF

000021

FFD6FF

000006

FFF3FF

000000

94309C

94309C

93209C

95409C

92119C

964F9C

91019C

975F9C

90009C

996E9C

9A7E9C

9B8E9C

9C9D9C

9DAD9C

9EBC9C

Harmonies

Analogous

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



3B52C1



94309C



B60068

Triad

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



94309C



795700



00738A

Complementary

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



94309C



389C30

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.



007352



94309C



446700

Square

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



94309C



A03D00



006F14



0070B7

Rectangle

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



94309C



BA0043



006F14



007378

Sweetspot

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



94309C



C9A1CC



30399C



644D66



E6E6E6



666666

Same Dimension

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



94309C



BF23CC



9C306F



4E474F



84008F



0E000F

Inverse Universe

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



9C3038



CC232F



309C5D



4F4748



8F000B



0F0001

Previews

White Background



This preview shows how the Hex color 94309C looks on a white background.

Color Contrast Check

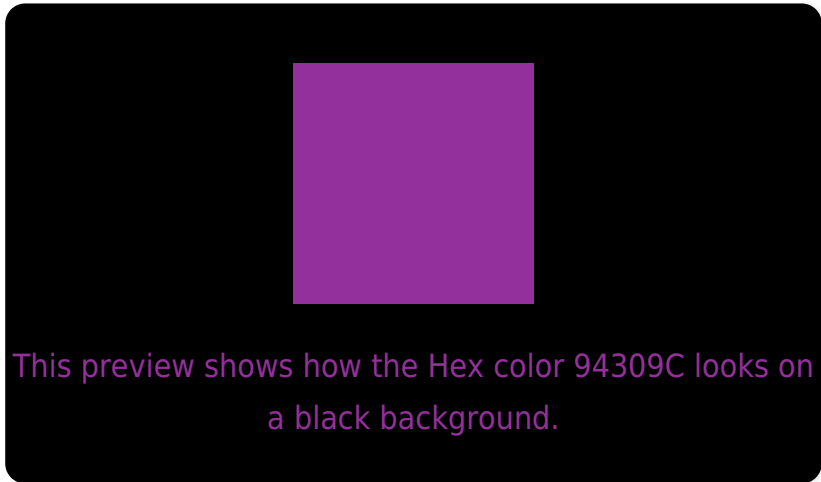
Large Text (above 18pt) WCAG AA ✓ Pass

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

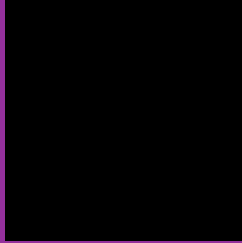
Any Text WCAG AA × Fail

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 94309C Background



This preview shows how black text looks on a background with the Hex color 94309C.

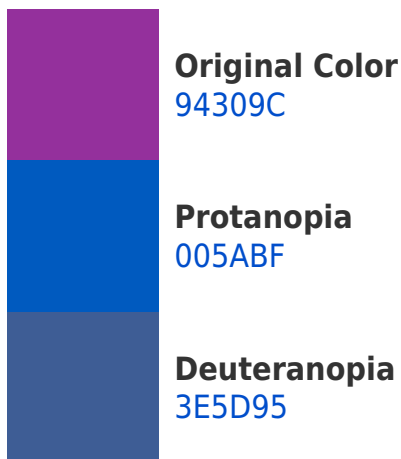



This preview shows how white text looks on a background with the Hex color 94309C.

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
8B494F

Trichromacy



Original Color
94309C



Protanomaly
364BB2



Deuteranomaly
5D4D98



Tritanomaly
8E406B

Monochromacy



Original Color
94309C



Achromatopsia
5A5A5A



Achromatomaly
6F4B72

CSS Examples

Text

The CSS property to change the color of the text to Hex 94309C 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 #94309C looks like.

```
.text, #text, p{  
    color:#94309C  
}
```

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 #94309C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94309C
}
```

Border

The CSS property to change the border of an element to Hex 94309C is called "border". The border property can be set on classes, ids or directly on the HTML element.

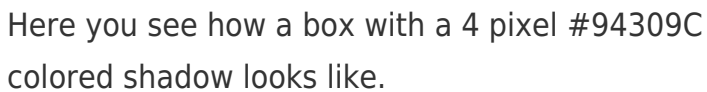
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#94309C }
```

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

```
.border{ border-color:#94309C }
```

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



Here you see how a box with a 4 pixel #94309C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94309C; -webkit-box-shadow:4px 4px  
4px 4px #94309C; box-shadow:4px 4px 4px  
4px #94309C }
```

Background

The CSS property to change the background color of an element to Hex 94309C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94309C }
```

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

```
.background{ background-color:#94309C }
```

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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