

# Converting Colors

Hex(93609C)

Have a look what the booklet for  
Hex(93609C) contains.

<b>Hex(93609C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(93609C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	93609C
RGB	147, 96, 156
RGB Percent	58%, 38%, 61%
CMY	0.4235, 0.6235, 0.3882
CMYK	0.06, 0.38, 0.00, 0.39
HSL	291°, 24%, 49%
HSV	291°, 38%, 61%
XYZ	22.2162, 16.9691, 33.5569
YIQ	118.0890, 11.1360, 29.4720

# Conversions

## Conversions Part 2

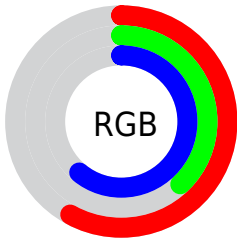
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 96, 156
Decimal	9658524
CIE <sub>Lab</sub>	48.22, 31.18, -24.37
CIE <sub>LCh</sub>	48, 39.575, 321.993
Yxy	16.9691, 0.3054, 0.2333
Android (android.graphics.Color)	4287848604 (0xFF93609C)
YUV	118.0890, 18.6901, 25.3549
Hunter-Lab	41.1936, 24.1788, -19.4631

# Details

The Hex color **93609C** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **699C60**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **CA94D3**, and **5F3068** is the 20% darker color. If you saturate the color by 10%, you get **91509C**, and if you desaturate by 10%, it is **95709C**.

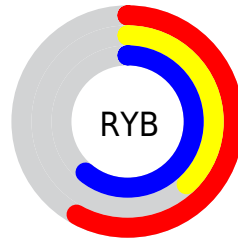
# Distribution



Red (58%)

Green (38%)

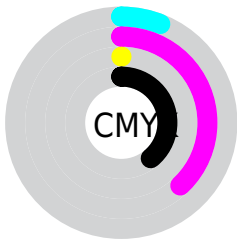
Blue (61%)



Red (58%)

Yellow (38%)

Blue (61%)

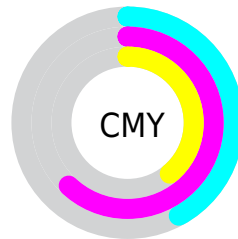


Cyan (6%)

Magenta (38%)

Yellow (0%)

Black (39%)



Cyan (42%)

Magenta (62%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93609C 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 93609C by changing the saturation by 10% instead.



 93609C

 93609C

FFFFFF

 794782

 CA94D3

 5F3068

 E6AEFF

 461850

 FFCAFF

 2E0139

 FFE6FF


 1B0023

 00000A

 000000

 93609C

 93609C

 91509C

 95709C

 8E419C

 987F9C

 8C319C

 9A8F9C

 8A229C

 9C9E9C

 87129C

 9FAE9C

 85029C

 A1BE9C

 85009C

 A3CD9C

 A6DD9C

 A8EC9C

# Harmonies

## Analogous

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



666DB0



93609C



AC577D

# Triad

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



93609C



8E6E2E



00838A

# Complementary

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



93609C



699C60

# 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.



008368



93609C



6E7832

# Square

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



93609C



A5613F



467F48



0080A6

# Rectangle

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



93609C



B15666



467F48



00837F



# Sweetspot

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



93609C



C8B4CC



60699C



645866



E6E6E6



666666



# Same Dimension

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



93609C



BE6ECC



9C6087



4E474F



79008F



0D000F



# Inverse Universe

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



9C6069



CC6E7C



609C75



4F4748



8F0015

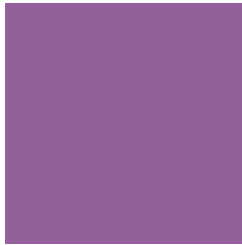


0F0002



# Previews

## White Background



This preview shows how the Hex color 93609C looks on a white background.

## Color Contrast Check

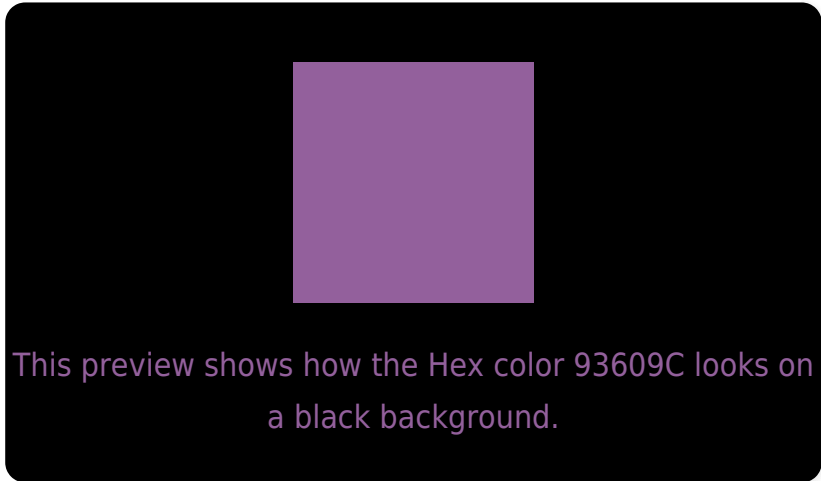
Large Text (above 18pt) WCAG AA ✓ Pass

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

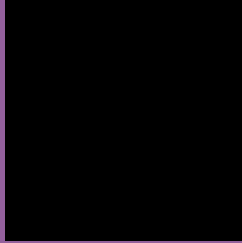
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 93609C Background



This preview shows how black text looks on a background with the Hex color 93609C.




This preview shows how white text looks on a background with the Hex color 93609C.

# 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](#).

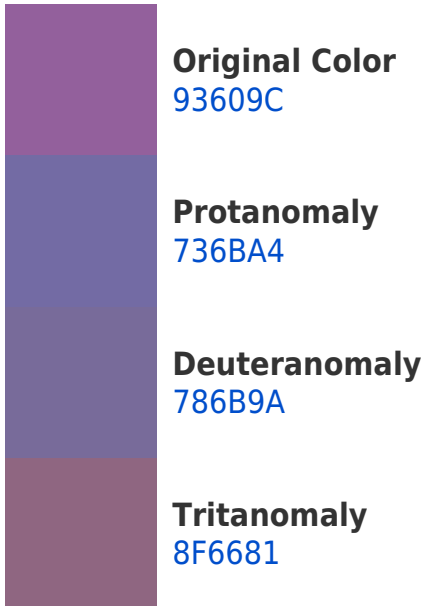
## Dichromacy



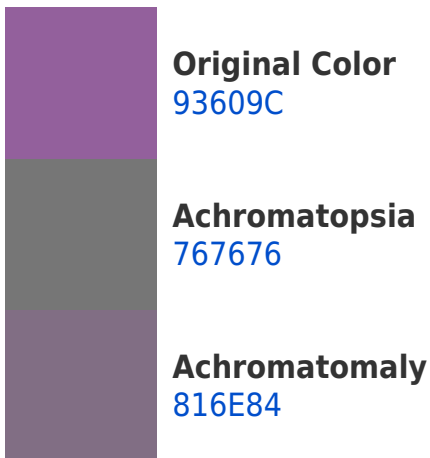


**Tritanopia**  
8D6971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93609C 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 #93609C looks like.

```
.text, #text, p{  
    color:#93609C  
}
```

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 #93609C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93609C
}
```

## Border

The CSS property to change the border of an element to Hex 93609C is called "border". The border property can be set on classes, ids or directly on the HTML element.

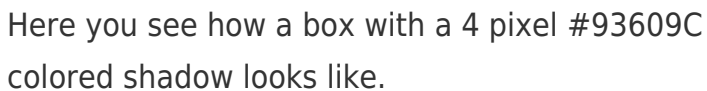
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#93609C }
```

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

```
.border{ border-color:#93609C }
```

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



Here you see how a box with a 4 pixel #93609C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93609C; -webkit-box-shadow:4px 4px  
4px 4px #93609C; box-shadow:4px 4px 4px  
4px #93609C }
```

# Background

The CSS property to change the background color of an element to Hex 93609C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93609C }
```

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

```
.background{ background-color:#93609C }
```

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