

# Converting Colors

Hex(93408C)

Have a look what the booklet for  
Hex(93408C) contains.

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# Color

Hex(93408C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	93408C
RGB	147, 64, 140
RGB Percent	58%, 25%, 55%
CMY	0.4235, 0.7490, 0.4510
CMYK	0.00, 0.56, 0.05, 0.42
HSL	305°, 39%, 41%
HSV	305°, 56%, 58%
XYZ	18.5996, 11.7633, 26.1012
YIQ	97.4810, 25.0720, 41.2320

# Conversions

## Conversions Part 2

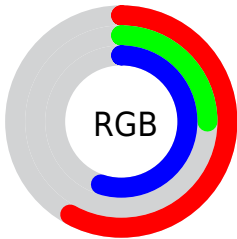
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	147, 64, 140
Decimal	9650316
CIE Lab	40.84, 45.30, -26.25
CIE LCh	41, 52.351, 329.912
Yxy	11.7633, 0.3294, 0.2083
Android (android.graphics.Color)	4287840396 (0xFF93408C)
YUV	97.4810, 20.9619, 43.4282
Hunter-Lab	34.2976, 36.7798, -21.1125

# Details

The Hex color **93408C** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **409347**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **CB74C2**, and **5E055A** is the 20% darker color. If you saturate the color by 10%, you get **93318B**, and if you desaturate by 10%, it is **934F8D**.

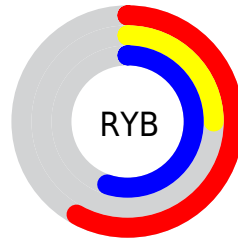
# Distribution



Red (58%)

Green (25%)

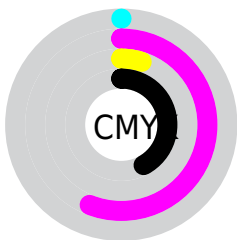
Blue (55%)



Red (58%)

Yellow (25%)

Blue (55%)

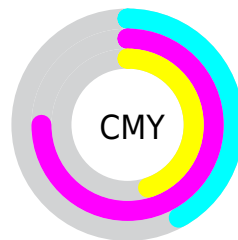


Cyan (0%)

Magenta (56%)

Yellow (5%)

Black (42%)



Cyan (42%)

Magenta (75%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93408C 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 93408C by changing the saturation by 10% instead.



■ 93408C

■ 93408C

FFFFFF

■ 782672

■ CB74C2

■ 5E055A

■ E88FDE

■ 440042

■ FFAAFB

■ 2E002C

■ FFC6FF

■ 030016

■ FFE3FF

■ 000000

■ 93408C

■ 93408C

■ 93318B

■ 934F8D

■ 93238A

■ 935D8E

 931488

 936C90

 930587

 937B91

 930087

 938A92

 939893

 93A795

 93B696

 93C497

# Harmonies

## Analogous

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



5D55AB



93408C



AA3262

# Triad

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



93408C



745E00



00738A

# Complementary

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



93408C



409347

# 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.



00745F



93408C



4A6A05

# Square

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



93408C



954D11



007133



006FAA

# Rectangle

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



93408C



AC3546



007133



00747C



# Sweetspot

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



93408C



BF9FBD



474093



614E5F



E0E0E0



616161



# Same Dimension

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



93408C



BF3DB4



934063



4A4349



8A007E



0A0009



# Inverse Universe

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



93408C



BF3DB4



409370



4A4349



8A007E



0A0009



# Previews

## White Background



This preview shows how the Hex color 93408C looks on a white background.

## Color Contrast Check

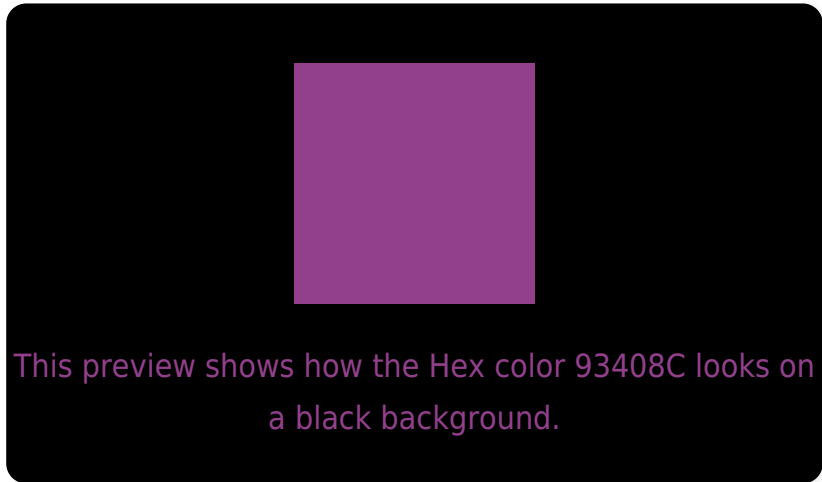
Large Text (above 18pt) WCAG AA ✓ Pass

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

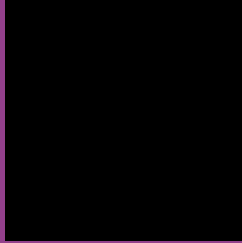
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 93408C Background



This preview shows how black text looks on a background with the Hex color 93408C.

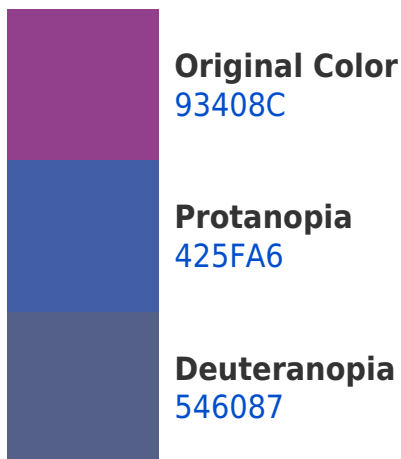


This preview shows how white text looks on a background with the Hex color 93408C.

# 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**  
8D4E54

# Trichromacy



**Original Color**  
93408C



**Protanomaly**  
5F549D



**Deuteranomaly**  
6B5489



**Tritanomaly**  
8F4968

# Monochromacy



**Original Color**  
93408C



**Achromatopsia**  
616161



**Achromatomaly**  
735571

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93408C 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 #93408C looks like.

```
.text, #text, p{  
    color:#93408C  
}
```

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 #93408C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93408C
}
```

## Border

The CSS property to change the border of an element to Hex 93408C is called "border". The border property can be set on classes, ids or directly on the HTML element.

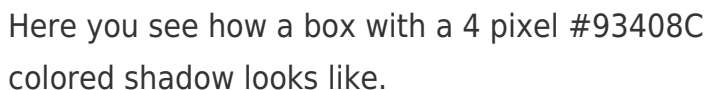
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#93408C }
```

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

```
.border{ border-color:#93408C }
```

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



Here you see how a box with a 4 pixel #93408C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93408C; -webkit-box-shadow:4px 4px  
4px 4px #93408C; box-shadow:4px 4px 4px  
4px #93408C }
```

# Background

The CSS property to change the background color of an element to Hex 93408C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93408C }
```

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

```
.background{ background-color:#93408C }
```

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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