

# Converting Colors

Hex(94618F)

Have a look what the booklet for  
Hex(94618F) contains.

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# Color

**Hex(94618F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	94618F
RGB	148, 97, 143
RGB Percent	58%, 38%, 56%
CMY	0.4196, 0.6196, 0.4392
CMYK	0.00, 0.34, 0.03, 0.42
HSL	306°, 21%, 48%
HSV	306°, 34%, 58%
XYZ	21.4454, 16.8285, 28.1045
YIQ	117.4930, 15.6300, 25.1180

# Conversions

## Conversions Part 2

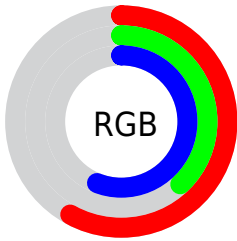
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 97, 143
Decimal	9724303
CIE <sub>Lab</sub>	48.04, 28.35, -16.92
CIE <sub>LCh</sub>	48, 33.012, 329.163
Yxy	16.8285, 0.3231, 0.2535
Android (android.graphics.Color)	4287914383 (0xFF94618F)
YUV	117.4930, 12.5750, 26.7546
Hunter-Lab	41.0225, 21.5252, -11.9038

# Details

The Hex color **94618F** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **619466**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **CB94C5**, and **60315D** is the 20% darker color. If you saturate the color by 10%, you get **94528E**, and if you desaturate by 10%, it is **947090**.

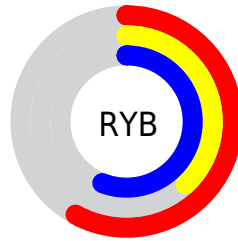
# Distribution



Red (58%)

Green (38%)

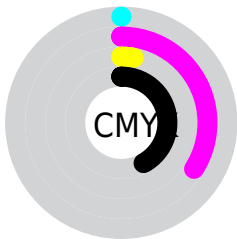
Blue (56%)



Red (58%)

Yellow (38%)

Blue (56%)

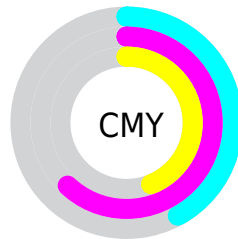


Cyan (0%)

Magenta (34%)

Yellow (3%)

Black (42%)



Cyan (42%)

Magenta (62%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94618F 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 94618F by changing the saturation by 10% instead.



■ 94618F

■ 94618F

FFFFFF

■ 7A4975

■ CB94C5

■ 60315D

■ E7AFE1

■ 481A45

■ FFCBFE

■ 30032E

■ FFE7FF

■ 1B001A

■ 000000

■ 94618F

■ 94618F

■ 94528E

■ 947090

■ 94438C

■ 947F92

94358B

948D93

942689

949C95

941788

94AB96

940886

94BA98

940085

94C999

94D79B

94E69C

# Harmonies

## Analogous

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



736BA3



94618F



A55C74

# Triad

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



94618F



847039



00808C

# Complementary

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



94618F



619466

# 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.



0F8070



94618F



687840

# Square

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



94618F



9A6643



457E54



007CA1

# Rectangle

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



94618F



A75C61



457E54



008083



# Sweetspot

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



94618F



BFACBD



656194



615560



E0E0E0



616161



# Same Dimension

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



94618F



BF71B8



946176



4A4349



8A007C



0A0009



# Inverse Universe

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



94618F



BF71B8



61947F



4A4349



8A007C

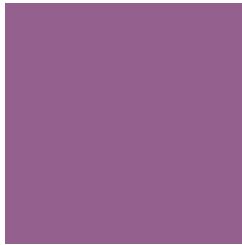


0A0009



# Previews

## White Background



This preview shows how the Hex color 94618F looks on a white background.

## Color Contrast Check

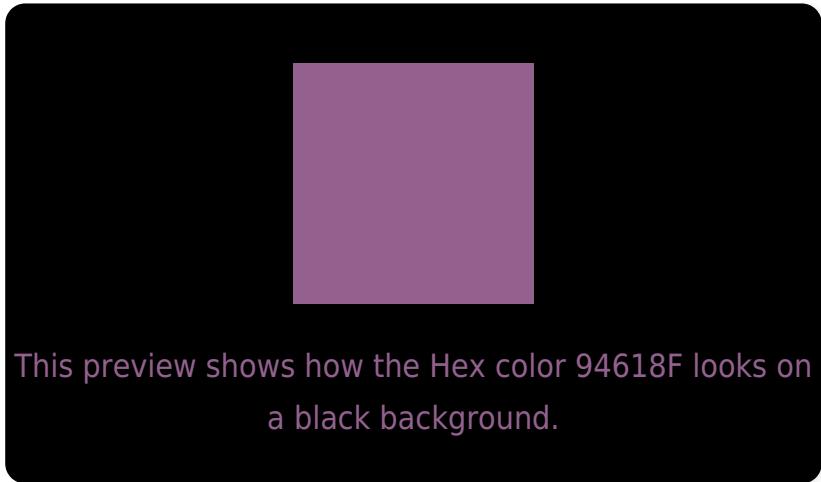
Large Text (above 18pt) WCAG AA ✓ Pass

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

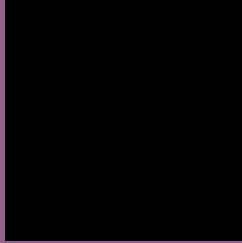
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 94618F Background



This preview shows how black text looks on a background with the Hex color 94618F.

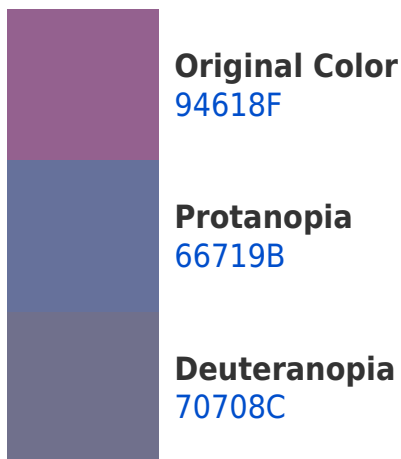



This preview shows how white text looks on a background with the Hex color 94618F.

# 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**  
90676F

# Trichromacy



**Original Color**  
94618F

**Protanomaly**  
776B97

**Deuteranomaly**  
7D6B8D

**Tritanomaly**  
91657B

# Monochromacy



**Original Color**  
94618F

**Achromatopsia**  
757575

**Achromatomaly**  
806E7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94618F 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 #94618F looks like.

```
.text, #text, p{  
    color:#94618F  
}
```

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 #94618F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94618F
}
```

## Border

The CSS property to change the border of an element to Hex 94618F is called "border". The border property can be set on classes, ids or directly on the HTML element.

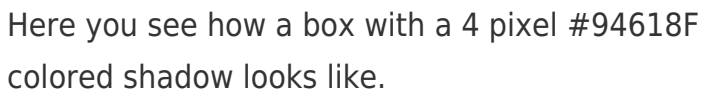
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#94618F }
```

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

```
.border{ border-color:#94618F }
```

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



Here you see how a box with a 4 pixel #94618F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94618F; -webkit-box-shadow:4px 4px  
4px 4px #94618F; box-shadow:4px 4px 4px  
4px #94618F }
```

# Background

The CSS property to change the background color of an element to Hex 94618F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94618F }
```

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

```
.background{ background-color:#94618F }
```

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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