

# Converting Colors

Hex(93789F)

Have a look what the booklet for  
Hex(93789F) contains.

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# Color

**Hex(93789F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	93789F
RGB	147, 120, 159
RGB Percent	58%, 47%, 62%
CMY	0.4235, 0.5294, 0.3765
CMYK	0.08, 0.25, 0.00, 0.38
HSL	282°, 17%, 55%
HSV	282°, 25%, 62%
XYZ	25.0071, 22.1392, 35.7562
YIQ	132.5190, 3.5730, 17.8530

# Conversions

## Conversions Part 2

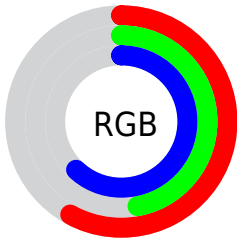
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 120, 159
Decimal	9664671
CIE <sub>Lab</sub>	54.17, 17.91, -16.99
CIE <sub>LCh</sub>	54, 24.691, 316.511
Yxy	22.1392, 0.3016, 0.2671
Android (android.graphics.Color)	4287854751 (0xFF93789F)
YUV	132.5190, 13.0551, 12.6998
Hunter-Lab	47.0523, 12.5267, -12.1193

# Details

The Hex color **93789F** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **849F78**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **C9ACD6**, and **60476B** is the 20% darker color. If you saturate the color by 10%, you get **8E689F**, and if you desaturate by 10%, it is **98889F**.

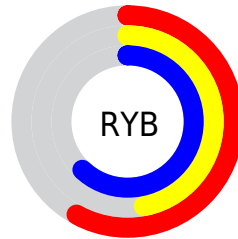
# Distribution



Red (58%)

Green (47%)

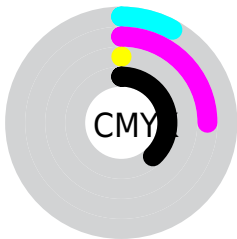
Blue (62%)



Red (58%)

Yellow (47%)

Blue (62%)

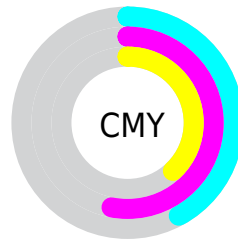


Cyan (8%)

Magenta (25%)

Yellow (0%)

Black (38%)



Cyan (42%)

Magenta (53%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93789F 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 93789F by changing the saturation by 10% instead.



■ 93789F

FFFFFF

■ C9ACD6

■ E6C8F2

■ FFE4FF

■ 93789F

■ 795F85

■ 60476B

■ 483153

■ 311B3C

■ 1C0326

■ 000110

■ 000000

■ 93789F

■ 8E689F

■ 93789F

■ 98889F

89589F

9D989F

84489F

A2A89F

7F389F

A7B89F

7B289F

ABC89F

76199F

B0D79F

71099F

B5E79F

6E009F

BAF79F

BFFF9F

# Harmonies

## Analogous

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



777FAA



93789F



A6738C

# Triad

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



93789F



997D58



408D8D

# Complementary

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



93789F



849F78

# 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.



548D77



93789F



858458

# Square

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



93789F



A77664



6C8964



408BA0

# Rectangle

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



93789F



AB727E



6C8964



458D86



# Sweetspot

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



93789F



CAC0CF



78849F



666069



E8E8E8



696969



# Same Dimension

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



93789F



BC93CF



9F7898



4D474F



63008F



0B000F



# Inverse Universe

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



9F7884



CF93A5



789F7F



4F474A



8F002C

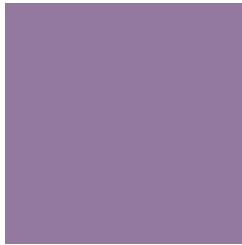


0F0005



# Previews

## White Background



This preview shows how the Hex color 93789F looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

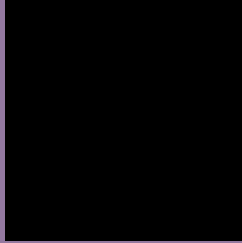
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 93789F Background



This preview shows how black text looks on a background with the Hex color 93789F.



This preview shows how white text looks on a background with the Hex color 93789F.

# 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**  
8F7D86

# Trichromacy



**Original Color**  
93789F

**Protanomaly**  
827DA3

**Deuteranomaly**  
877C9E

**Tritanomaly**  
907B8F

# Monochromacy



**Original Color**  
93789F

**Achromatopsia**  
858585

**Achromatomaly**  
8A808E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93789F 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 #93789F looks like.

```
.text, #text, p{  
    color:#93789F  
}
```

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 #93789F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93789F
}
```

## Border

The CSS property to change the border of an element to Hex 93789F is called "border". The border property can be set on classes, ids or directly on the HTML element.

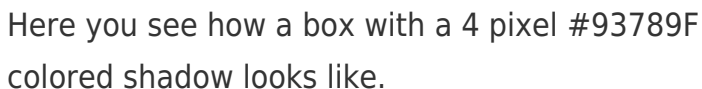
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#93789F }
```

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

```
.border{ border-color:#93789F }
```

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



Here you see how a box with a 4 pixel #93789F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93789F; -webkit-box-shadow:4px 4px  
4px 4px #93789F; box-shadow:4px 4px 4px  
4px #93789F }
```

# Background

The CSS property to change the background color of an element to Hex 93789F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93789F }
```

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

```
.background{ background-color:#93789F }
```

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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