

Converting Colors

Hex(94749C)

Have a look what the booklet for
Hex(94749C) contains.

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Color

Hex(94749C)

Conversions

Conversions Part 1

Format	Color
Hex	94749C
RGB	148, 116, 156
RGB Percent	58%, 45%, 61%
CMY	0.4196, 0.5451, 0.3882
CMYK	0.05, 0.26, 0.00, 0.39
HSL	288°, 17%, 53%
HSV	288°, 26%, 61%
XYZ	24.4589, 21.1870, 34.2529
YIQ	130.1280, 6.2320, 19.2240

Conversions

Conversions Part 2

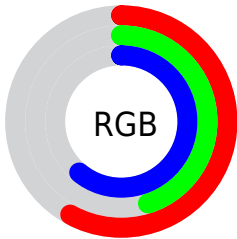
Format	Color
R_{YB}	148, 116, 156
Decimal	9729180
CIE _{Lab}	53.15, 19.96, -16.79
CIE _{LCh}	53, 26.080, 319.921
Yxy	21.1870, 0.3061, 0.2652
Android (android.graphics.Color)	4287919260 (0xFF94749C)
YUV	130.1280, 12.7549, 15.6737
Hunter-Lab	46.0293, 14.2993, -11.9003

Details

The Hex color **94749C** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7C9C74**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **CAA8D3**, and **614369** is the 20% darker color. If you saturate the color by 10%, you get **91649C**, and if you desaturate by 10%, it is **97849C**.

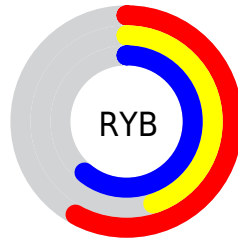
Distribution



Red (58%)

Green (45%)

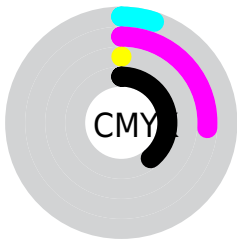
Blue (61%)



Red (58%)

Yellow (45%)

Blue (61%)

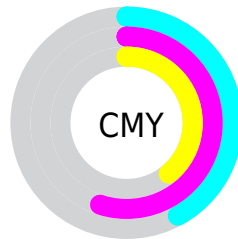


Cyan (5%)

Magenta (26%)

Yellow (0%)

Black (39%)



Cyan (42%)

Magenta (55%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94749C 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 94749C by changing the saturation by 10% instead.

■ 94749C

■ 94749C

FFFFFF

■ 7A5B82

■ CAA8D3

■ 614369

■ E7C4EF

■ 492D50

■ FFE0FF

■ 311739

■ FFFCFF

■ 1E0024

■ 00000C

■ 000000

■ 94749C

■ 94749C

■ 91649C

■ 97849C

 8E559C

 9A939C

 8B459C


 9DA39C

 88369C

 A0B29C

 84269C

 A4C29C

 81169C

 A7D29C

 7E079C

 AAE19C

 7D009C

 ADF19C

 B0FF9C

Harmonies

Analogous

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



777CA9



94749C



A66F87

Triad

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



94749C



957B53



358B8D

Complementary

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



94749C



7C9C74

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.



4B8B76



94749C



7F8254

Square

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



94749C



A5735E



658861



3889A1

Rectangle

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



94749C



AB6E78



658861



3B8B86

Sweetspot

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



94749C



C9BCCC



747C9C



645C66



E6E6E6



666666

Same Dimension

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



94749C



BF8DCC



9C7490



4D474F



72008F



0C000F

Inverse Universe

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



9C747C



CC8D99



749C80



4F4749



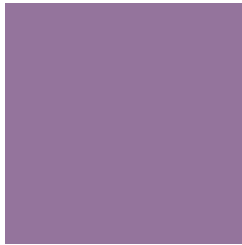
8F001D



0F0003

Previews

White Background



This preview shows how the Hex color 94749C looks on a white background.

Color Contrast Check

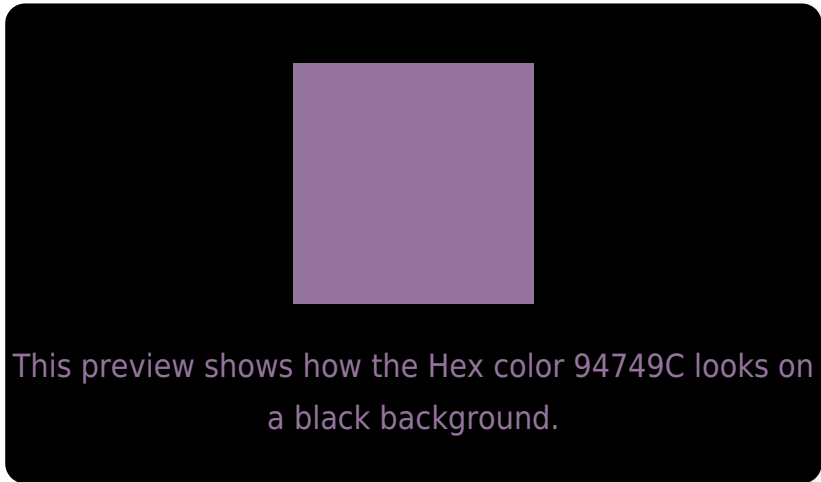
Large Text (above 18pt) WCAG AA ✓ Pass

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

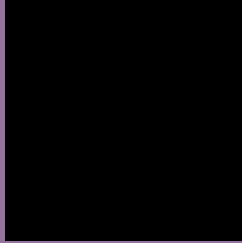
Any Text WCAG AA ✓ Pass

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 94749C Background



This preview shows how black text looks on a background with the Hex color 94749C.

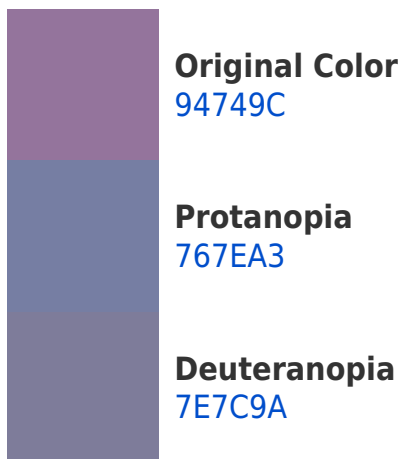


This preview shows how white text looks on a background with the Hex color 94749C.

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
907982

Trichromacy



Original Color
94749C

Protanomaly
817AA0

Deuteranomaly
86799B

Tritanomaly
91778B

Monochromacy



Original Color
94749C

Achromatopsia
828282

Achromatomaly
897D8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 94749C 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 #94749C looks like.

```
.text, #text, p{  
    color:#94749C  
}
```

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 #94749C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94749C
}
```

Border

The CSS property to change the border of an element to Hex 94749C is called "border". The border property can be set on classes, ids or directly on the HTML element.

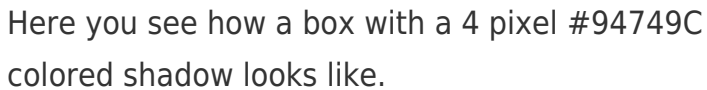
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#94749C }
```

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

```
.border{ border-color:#94749C }
```

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



Here you see how a box with a 4 pixel #94749C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94749C; -webkit-box-shadow:4px 4px  
4px 4px #94749C; box-shadow:4px 4px 4px  
4px #94749C }
```

Background

The CSS property to change the background color of an element to Hex 94749C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94749C }
```

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

```
.background{ background-color:#94749C }
```

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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