

Converting Colors

Hex(94728A)

Have a look what the booklet for
Hex(94728A) contains.

Hex(94728A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(94728A)

Conversions

Conversions Part 1

Format	Color
Hex	94728A
RGB	148, 114, 138
RGB Percent	58%, 45%, 54%
CMY	0.4196, 0.5529, 0.4588
CMYK	0.00, 0.23, 0.07, 0.42
HSL	318°, 14%, 51%
HSV	318°, 23%, 58%
XYZ	22.8175, 20.1655, 26.7345
YIQ	126.9020, 12.5600, 14.6720

Conversions

Conversions Part 2

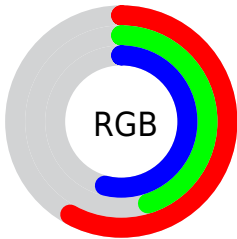
Format	Color
R_{YB}	148, 114, 138
Decimal	9728650
CIE _{Lab}	52.02, 17.55, -7.95
CIE _{LCh}	52, 19.264, 335.611
Yxy	20.1655, 0.3273, 0.2892
Android (android.graphics.Color)	4287918730 (0xFF94728A)
YUV	126.9020, 5.4713, 18.5029
Hunter-Lab	44.9060, 12.1133, -3.8637

Details

The Hex color **94728A** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **72947C**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **CAA6BF**, and **614258** is the 20% darker color. If you saturate the color by 10%, you get **946386**, and if you desaturate by 10%, it is **94818E**.

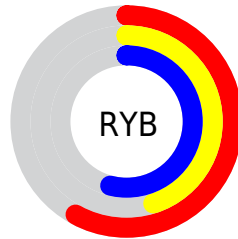
Distribution



Red (58%)

Green (45%)

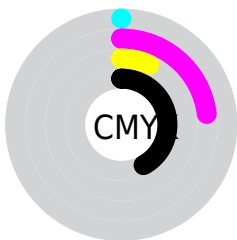
Blue (54%)



Red (58%)

Yellow (45%)

Blue (54%)

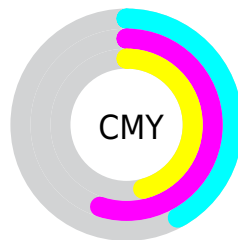


Cyan (0%)

Magenta (23%)

Yellow (7%)

Black (42%)



Cyan (42%)

Magenta (55%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94728A 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 94728A by changing the saturation by 10% instead.

94728A

94728A

FFFFFF

7A5971

CAA6BF

614258

E7C1DB

492B41

FFDDF8

32162B

FFFAFF

1F0017

000000

94728A

94728A

946386

94818E

945481

949093

94467D

949E97

943779

94AD9B

942874

94BCA0

941970

94CBA4

940A6C

94DAA8

940068

94E8AD

94F7B1

Harmonies

Analogous

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



837797



94728A



9D7079

Triad

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



94728A



857C5B



4C858F

Complementary

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



94728A



72947C

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.



51857F



94728A



738161

Square

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



94728A



94765E



60846E



57819A

Rectangle

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



94728A



9E716F



60846E



4C858A

Sweetspot

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



94728A



BFB2BB



7C7294



61595F



E0E0E0



616161

Same Dimension

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



94728A



BF8AAF



947279



4A4348



8A0061



0A0007

Inverse Universe

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



94728A



BF8AAF



72948D



4A4348



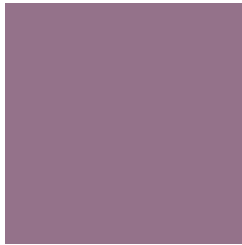
8A0061



0A0007

Previews

White Background



This preview shows how the Hex color 94728A looks on a white background.

Color Contrast Check

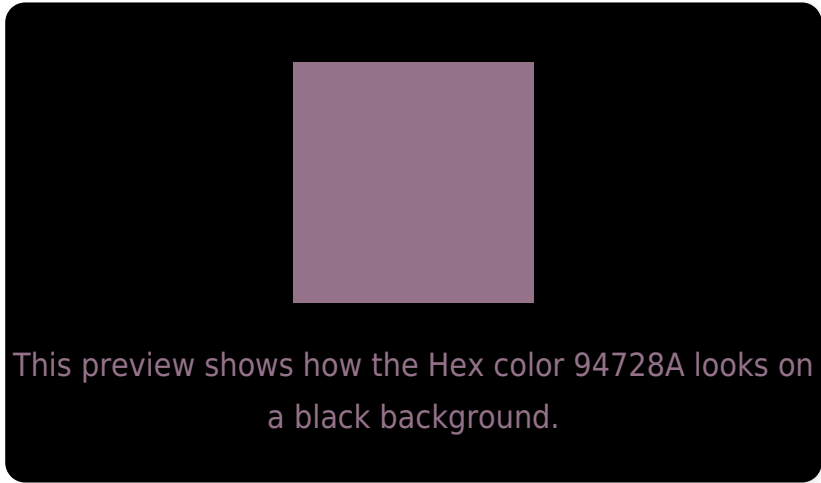
Large Text (above 18pt) WCAG AA ✓ Pass

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

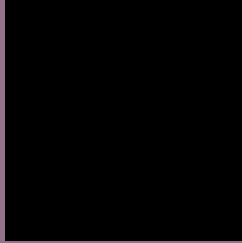
Any Text WCAG AA ✓ Pass

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 94728A Background



This preview shows how black text looks on a background with the Hex color 94728A.

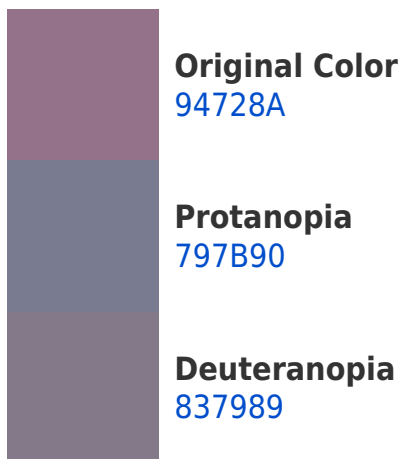


This preview shows how white text looks on a background with the Hex color 94728A.

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
92747D

Trichromacy



Original Color
94728A

Protanomaly
83788E

Deuteranomaly
897689

Tritanomaly
937382

Monochromacy



Original Color
94728A

Achromatopsia
7F7F7F

Achromatomaly
877A83

CSS Examples

Text

The CSS property to change the color of the text to Hex 94728A 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 #94728A looks like.

```
.text, #text, p{  
    color:#94728A  
}
```

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 #94728A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94728A
}
```

Border

The CSS property to change the border of an element to Hex 94728A is called "border". The border property can be set on classes, ids or directly on the HTML element.

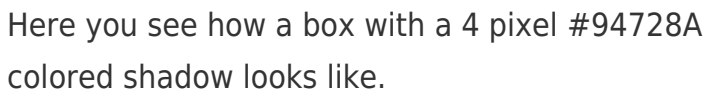
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#94728A }
```

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

```
.border{ border-color:#94728A }
```

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



Here you see how a box with a 4 pixel #94728A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94728A; -webkit-box-shadow:4px 4px  
4px 4px #94728A; box-shadow:4px 4px 4px  
4px #94728A }
```

Background

The CSS property to change the background color of an element to Hex 94728A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94728A }
```

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

```
.background{ background-color:#94728A }
```

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