

# Converting Colors

Hex(94726B)

Have a look what the booklet for  
Hex(94726B) contains.

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**Color**

**Hex(94726B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	94726B
RGB	148, 114, 107
RGB Percent	58%, 45%, 42%
CMY	0.4196, 0.5529, 0.5804
CMYK	0.00, 0.23, 0.28, 0.42
HSL	10°, 16%, 50%
HSV	10°, 28%, 58%
XYZ	20.8839, 19.3921, 16.5523
YIQ	123.3680, 22.5110, 5.0310

# Conversions

## Conversions Part 2

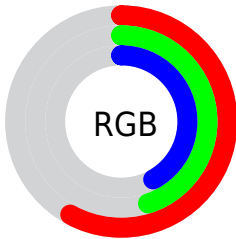
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 115, 107
Decimal	9728619
CIE Lab	51.14, 12.30, 9.02
CIE LCh	51, 15.258, 36.252
Yxy	19.3921, 0.3675, 0.3412
Android (android.graphics.Color)	4287918699 (0xFF94726B)
YUV	123.3680, -8.0694, 21.6023
Hunter-Lab	44.0364, 7.5884, 8.5398

# Details

The Hex color **94726B** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6B8D94**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **CBA69E**, and **60423C** is the 20% darker color. If you saturate the color by 10%, you get **94665C**, and if you desaturate by 10%, it is **947E7A**.

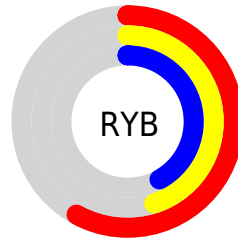
# Distribution



Red (58%)

Green (45%)

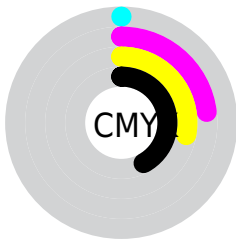
Blue (42%)



Red (58%)

Yellow (45%)

Blue (42%)

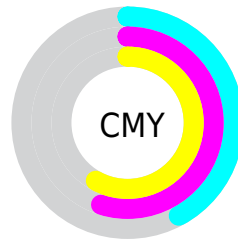


Cyan (0%)

Magenta (23%)

Yellow (28%)

Black (42%)



Cyan (42%)

Magenta (55%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94726B 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 94726B by changing the saturation by 10% instead.



 94726B

 94726B

FFFFFF

 7A5953

 CBA69E

 60423C

 E7C1B9

 482C26

 FFDD5

 301712

 FFFAF1

 1C0000

 000000

 94726B

 94726B

 94665C

 947E7A

 94594D

 948B89

944D3F

949797

944130

94A3A6

943521

94AFB5

942812

94BCC4

941C03

94C8D3

941900

94D4E1

94E0F0

# Harmonies

## Analogous

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



947177



94726B



8D7562

# Triad

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



94726B



64806F



6E7A93

# Complementary

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



94726B



6B8D94

# 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.



5F7E91



94726B



59817C

# Square

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



94726B



737E65



578189



80768F

# Rectangle

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



94726B



857860



578189



697B93



# Sweetspot

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



94726B



BFB3B0



946B8D



615957



E0E0E0



616161



# Same Dimension

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



94726B



BF8B80



94866B



4A4443



8A1800



0A0200



# Inverse Universe

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



6B8D94



80B4BF



6B7994



43494A



00728A



00080A



# Previews

## White Background



This preview shows how the Hex color 94726B looks on a white background.

## Color Contrast Check

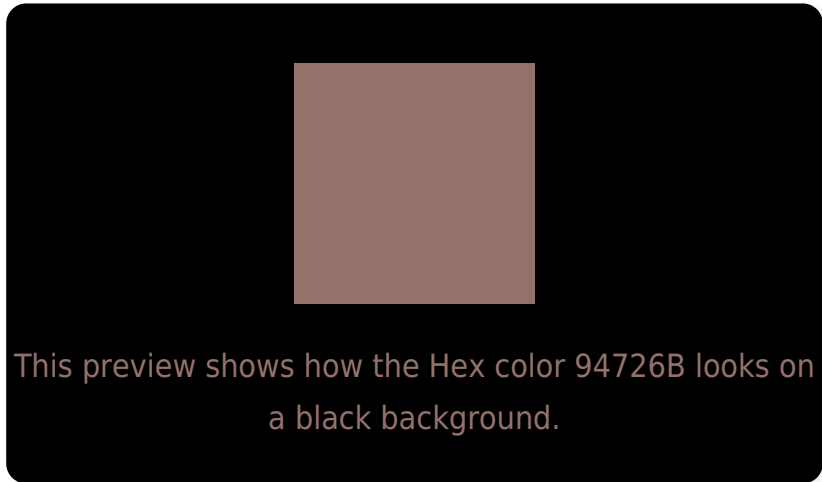
Large Text (above 18pt) WCAG AA ✓ Pass

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 94726B Background



This preview shows how black text looks on a background with the Hex color 94726B.

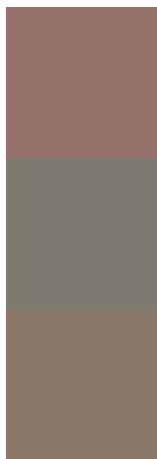


This preview shows how white text looks on a background with the Hex color 94726B.

# 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



**Original Color**  
94726B

**Protanopia**  
7F7A6F

**Deuteranopia**  
8B766A



**Tritanopia**  
957079

# Trichromacy



**Original Color**  
94726B

**Protanomaly**  
87776E

**Deuteranomaly**  
8E756A

**Tritanomaly**  
957174

# Monochromacy



**Original Color**  
94726B

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
847875

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94726B 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 #94726B looks like.

```
.text, #text, p{  
    color:#94726B  
}
```

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 #94726B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94726B
}
```

## Border

The CSS property to change the border of an element to Hex 94726B is called "border". The border property can be set on classes, ids or directly on the HTML element.

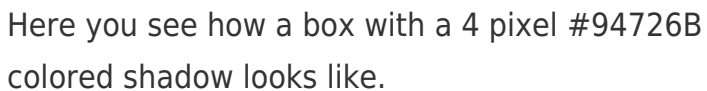
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#94726B }
```

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

```
.border{ border-color:#94726B }
```

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



Here you see how a box with a 4 pixel #94726B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94726B; -webkit-box-shadow:4px 4px  
4px 4px #94726B; box-shadow:4px 4px 4px  
4px #94726B }
```

# Background

The CSS property to change the background color of an element to Hex 94726B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94726B }
```

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

```
.background{ background-color:#94726B }
```

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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