

Converting Colors

Hex(94786E)

Have a look what the booklet for
Hex(94786E) contains.

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Color

Hex(94786E)

Conversions

Conversions Part 1

Format	Color
Hex	94786E
RGB	148, 120, 110
RGB Percent	58%, 47%, 43%
CMY	0.4196, 0.5294, 0.5686
CMYK	0.00, 0.19, 0.26, 0.42
HSL	16°, 15%, 51%
HSV	16°, 26%, 58%
XYZ	21.7437, 20.8546, 17.6312
YIQ	127.2320, 19.8980, 2.8260

Conversions

Conversions Part 2

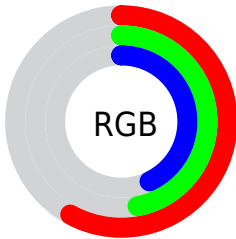
Format	Color
R_{YB}	148, 124, 110
Decimal	9730158
CIE Lab	52.79, 9.29, 9.59
CIE LCh	53, 13.353, 45.919
Yxy	20.8546, 0.3610, 0.3463
Android (android.graphics.Color)	4287920238 (0xFF94786E)
YUV	127.2320, -8.4954, 18.2135
Hunter-Lab	45.6669, 5.0734, 9.0760

Details

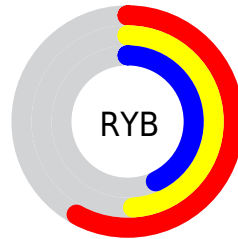
The Hex color **94786E** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6E8A94**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **CBACA2**, and **61473E** is the 20% darker color. If you saturate the color by 10%, you get **946D5F**, and if you desaturate by 10%, it is **94837D**.

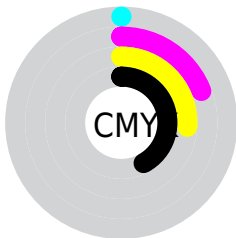
Distribution



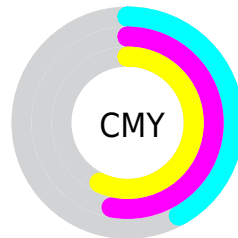
- Red (58%)
- Green (47%)
- Blue (43%)



- Red (58%)
- Yellow (49%)
- Blue (43%)



- Cyan (0%)
- Magenta (19%)
- Yellow (26%)
- Black (42%)



- Cyan (42%)
- Magenta (53%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94786E 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 94786E by changing the saturation by 10% instead.

 94786E

 94786E

FFFFFF

 7A5F56

 CBACA2

 61473E

 E7C8BD

 483129

 FFE4D8

 311C14

 FFFFF5

 1D0200

 000000

 94786E

 94786E

 946D5F

 94837D

 946250

 948E8C

■ 945742

■ 94999A

■ 944C33

■ 94A4A9

■ 944124

■ 94AFB8

■ 943715

■ 94B9C7

■ 942C06

■ 94C4D6

■ 942700

■ 94CFE4

■ 94DAF3

Harmonies

Analogous

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



967678



94786E



8C7B68

Triad

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



94786E



688478



797D94

Complementary

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



94786E



6E8A94

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.



6B8194



94786E



608584

Square

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



94786E



73826E



61838E



87798E

Rectangle

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



94786E



857E67



61838E



747E95

Sweetspot

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



94786E



BFB4B0



946E8B



615A57



E0E0E0



616161

Same Dimension

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



94786E



BF9484



948B6E



4A4543



8A2400



0A0300

Inverse Universe

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



6E8A94



84B0BF



6E7894



43484A



00658A



00080A

Previews

White Background



This preview shows how the Hex color 94786E looks on a white background.

Color Contrast Check

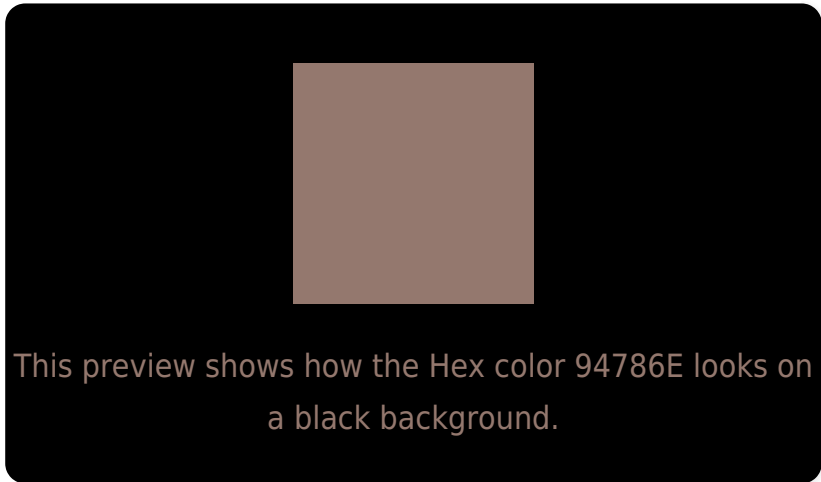
Large Text (above 18pt) WCAG AA ✓ Pass

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 94786E Background



This preview shows how black text looks on a background with the Hex color 94786E.



This preview shows how white text looks on a background with the Hex color 94786E.

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
94786E

Protanopia
847E71

Deuteranopia
90796E



Tritanopia
96767F

Trichromacy



Original Color

94786E

Protanomaly

8A7C70

Deuteranomaly

91796E

Tritanomaly

957779

Monochromacy



Original Color

94786E

Achromatopsia

7F7F7F

Achromatomaly

877C79

CSS Examples

Text

The CSS property to change the color of the text to Hex 94786E 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 #94786E looks like.

```
.text, #text, p{  
    color:#94786E  
}
```

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 #94786E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94786E
}
```

Border

The CSS property to change the border of an element to Hex 94786E is called "border". The border property can be set on classes, ids or directly on the HTML element.

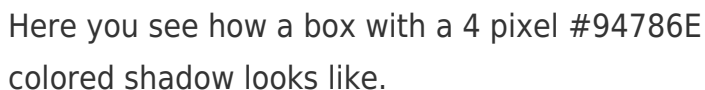
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#94786E }
```

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

```
.border{ border-color:#94786E }
```

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



Here you see how a box with a 4 pixel #94786E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94786E; -webkit-box-shadow:4px 4px  
4px 4px #94786E; box-shadow:4px 4px 4px  
4px #94786E }
```

Background

The CSS property to change the background color of an element to Hex 94786E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94786E }
```

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

```
.background{ background-color:#94786E }
```

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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