

Converting Colors

Hex(96786B)

Have a look what the booklet for
Hex(96786B) contains.

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Color

Hex(96786B)

Conversions

Conversions Part 1

Format	Color
Hex	96786B
RGB	150, 120, 107
RGB Percent	59%, 47%, 42%
CMY	0.4118, 0.5294, 0.5804
CMYK	0.00, 0.20, 0.29, 0.41
HSL	18°, 17%, 50%
HSV	18°, 29%, 59%
XYZ	21.9480, 20.9785, 16.8024
YIQ	127.4880, 22.0530, 2.3170

Conversions

Conversions Part 2

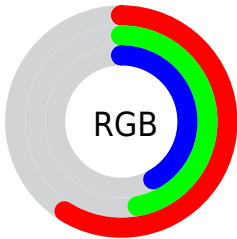
Format	Color
RYB	150, 126, 107
Decimal	9861227
CIELab	52.93, 9.66, 11.56
CIELCh	53, 15.066, 50.127
Yxy	20.9785, 0.3675, 0.3512
Android (android.graphics.Color)	4288051307 (0xFF96786B)
YUV	127.4880, -10.1006, 19.7430
Hunter-Lab	45.8023, 5.3813, 10.3113

Details

The Hex color **96786B** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6B8996**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **CDAC9E**, and **62473C** is the 20% darker color. If you saturate the color by 10%, you get **966E5C**, and if you desaturate by 10%, it is **96827A**.

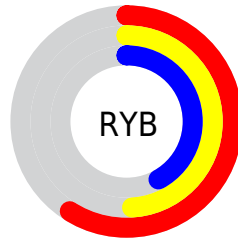
Distribution



Red (59%)

Green (47%)

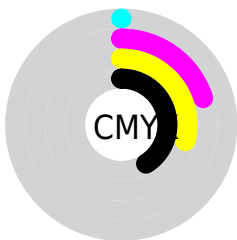
Blue (42%)



Red (59%)

Yellow (49%)

Blue (42%)

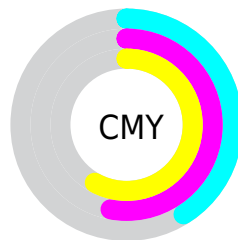


Cyan (0%)

Magenta (20%)

Yellow (29%)

Black (41%)



Cyan (41%)

Magenta (53%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96786B 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 96786B by changing the saturation by 10% instead.

 96786B

 96786B

FFFFFF

 7C5F53

 CDAC9E

 62473C

 E9C8B9

 4A3126

 FFE4D5

 321C11

 FFFFF1

 1E0300

 000000

 96786B

 96786B

 966E5C

 96827A

 96634D

 968D89

96593E

969798

964E2F

96A2A7

964420

96ACB6

963911

96B7C5

962F02

96C1D4

962D00

96CCE3

96D6F2

Harmonies

Analogous

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



997676



96786B



8D7C65

Triad

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



96786B



638679



7B7D97

Complementary

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



96786B



6B8996

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.



6A8197



96786B



5C8687

Square

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



96786B



70846D



5E8492



8B788F

Rectangle

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



96786B



847F65



5E8492



757E98

Sweetspot

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



96786B



C2B6B0



966B89



615956



E0E0E0



616161

Same Dimension

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



96786B



C29480



968D6B



4A4543



8A2A00



0A0300

Inverse Universe

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



6B8996



80AEC2



6B7496



43484A



00608A



00070A

Previews

White Background



This preview shows how the Hex color 96786B looks on a white background.

Color Contrast Check

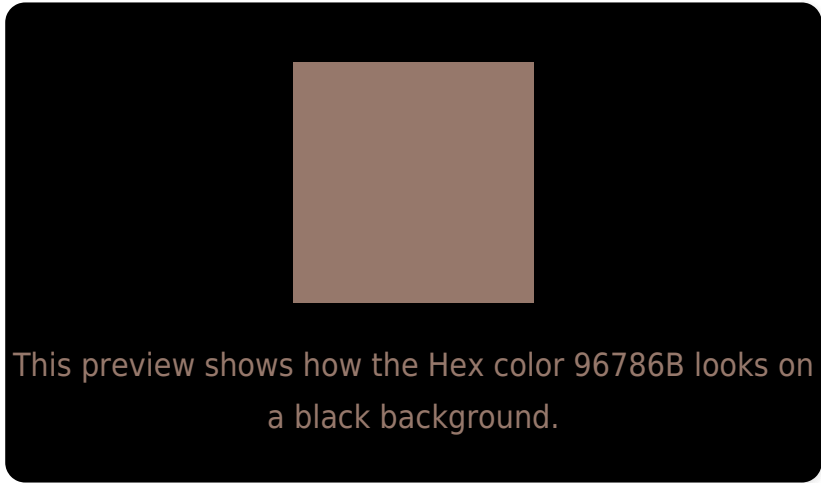
Large Text (above 18pt) WCAG AA ✓ Pass

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

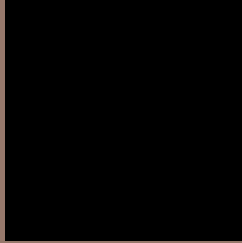
Any Text WCAG AA ✓ Pass

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 96786B Background



This preview shows how black text looks on a background with the Hex color 96786B.



This preview shows how white text looks on a background with the Hex color 96786B.

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
96786B

Protanopia
857E6E

Deuteranopia
927A6B



Tritanopia
98757E

Trichromacy



Original Color
96786B

Protanomaly
8B7C6D

Deuteranomaly
93796B

Tritanomaly
977677

Monochromacy



Original Color
96786B

Achromatopsia
7F7F7F

Achromatomaly
877C78

CSS Examples

Text

The CSS property to change the color of the text to Hex 96786B 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 #96786B looks like.

```
.text, #text, p{  
    color:#96786B  
}
```

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 #96786B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96786B
}
```

Border

The CSS property to change the border of an element to Hex 96786B is called "border". The border property can be set on classes, ids or directly on the HTML element.

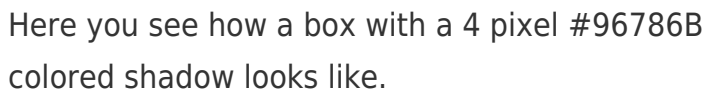
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#96786B }
```

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

```
.border{ border-color:#96786B }
```

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



Here you see how a box with a 4 pixel #96786B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96786B; -webkit-box-shadow:4px 4px  
4px 4px #96786B; box-shadow:4px 4px 4px  
4px #96786B }
```

Background

The CSS property to change the background color of an element to Hex 96786B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96786B }
```

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

```
.background{ background-color:#96786B }
```

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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