

# Converting Colors

Hex(866A6A)

Have a look what the booklet for  
Hex(866A6A) contains.

<b>Hex(866A6A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(866A6A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	866A6A
RGB	134, 106, 106
RGB Percent	53%, 42%, 42%
CMY	0.4745, 0.5843, 0.5843
CMYK	0.00, 0.21, 0.21, 0.47
HSL	0°, 12%, 47%
HSV	0°, 21%, 53%
XYZ	17.5871, 16.4170, 15.8775
YIQ	114.3720, 16.6880, 5.9360

# Conversions

## Conversions Part 2

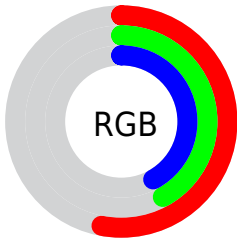
Format	Color
<a href="#">RYB</a>	<a href="#">134, 106, 106</a>
Decimal	<a href="#">8809066</a>
CIELab	<a href="#">47.52, 11.14, 4.24</a>
CIElCh	<a href="#">48, 11.920, 20.847</a>
Yxy	<a href="#">16.4170, 0.3526, 0.3291</a>
Android (android.graphics.Color)	<a href="#">4286999146</a> ( <a href="#">0xFF866A6A</a> )
YUV	<a href="#">114.3720, -4.1274, 17.2138</a>
Hunter-Lab	<a href="#">40.5179, 6.5728, 5.1289</a>

# Details

The Hex color **866A6A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6A8686**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **BC9D9D**, and **543B3B** is the 20% darker color. If you saturate the color by 10%, you get **865D5D**, and if you desaturate by 10%, it is **867777**.

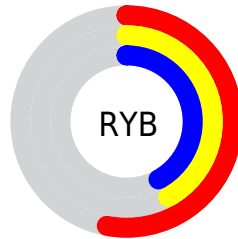
# Distribution



Red (53%)

Green (42%)

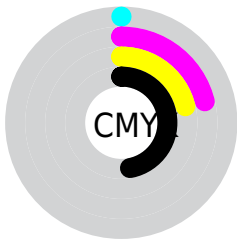
Blue (42%)



Red (53%)

Yellow (42%)

Blue (42%)

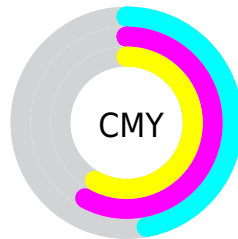


Cyan (0%)

Magenta (21%)

Yellow (21%)

Black (47%)



Cyan (47%)

Magenta (58%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 866A6A 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 866A6A by changing the saturation by 10% instead.





866A6A



866A6A

FFFFFF



6C5252



BC9D9D



543B3B



D8B8B8



3C2525



F4D4D4



261010



FFF0F0



010000



000000



866A6A



866A6A



865D5D



867777



864F4F



868585

 864242

 869292

 863434

 86A0A0

 862727

 86ADAD

 861A1A

 86BABA

 860C0C

 86C8C8

 860000

 86D5D5

 86E3E3

# Harmonies

## Analogous

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



836A74



866A6A



836C62

# Triad

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



866A6A



667564



627384

# Complementary

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



866A6A



6A8686

# 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.



597580



866A6A



5C766D

# Square

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



866A6A



71725E



567677



6F6F83

# Rectangle

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



866A6A



7F6E5E



567677



5E7483



# Sweetspot

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



866A6A



ADA3A3



866A86



575151



D6D6D6



575757



# Same Dimension

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



866A6A



AD8282



86786A



423C3C



820000



030000



# Inverse Universe

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



6A8686



82ADAD



6A7886



3C4242



008282



000303



# Previews

## White Background



This preview shows how the Hex color 866A6A looks on a white background.

## Color Contrast Check

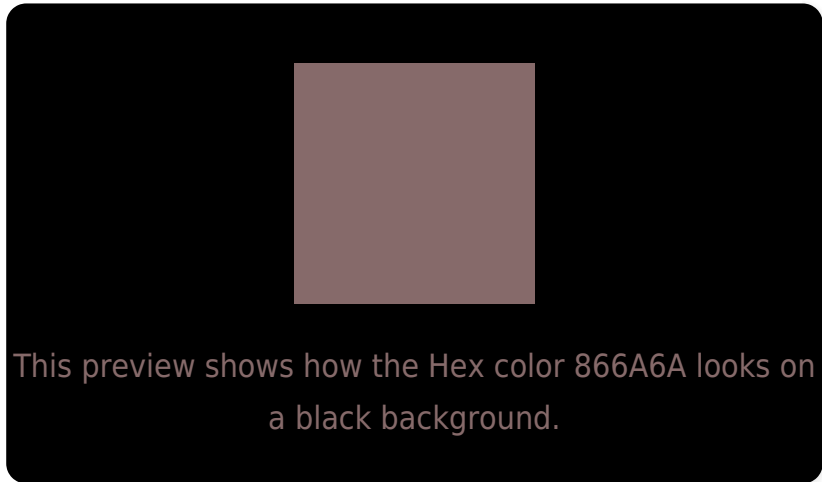
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

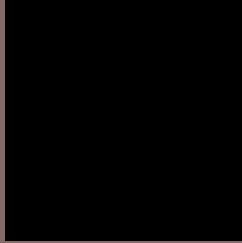
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 866A6A Background



This preview shows how black text looks on a background with the Hex color 866A6A.



This preview shows how white text looks on a background with the Hex color 866A6A.

# 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**  
866A6A

**Protanopia**  
74706E

**Deuteranopia**  
7F6D69



**Tritanopia**  
876971

# Trichromacy



**Original Color**  
866A6A

**Protanomaly**  
7B6E6D

**Deuteranomaly**  
826C69

**Tritanomaly**  
87696E

# Monochromacy



**Original Color**  
866A6A

**Achromatopsia**  
727272

**Achromatomaly**  
796F6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 866A6A 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 #866A6A looks like.

```
.text, #text, p{  
    color:#866A6A  
}
```

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 #866A6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #866A6A
}
```

## Border

The CSS property to change the border of an element to Hex 866A6A is called "border". The border property can be set on classes, ids or directly on the HTML element.

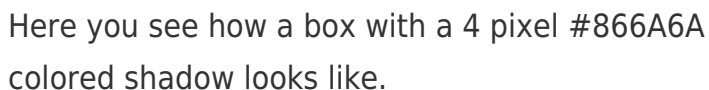
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#866A6A }
```

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

```
.border{ border-color:#866A6A }
```

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



Here you see how a box with a 4 pixel #866A6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #866A6A; -webkit-box-shadow:4px 4px  
4px 4px #866A6A; box-shadow:4px 4px 4px  
4px #866A6A }
```

# Background

The CSS property to change the background color of an element to Hex 866A6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#866A6A }
```

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

```
.background{ background-color:#866A6A }
```

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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