

# Converting Colors

Hex(866962)

Have a look what the booklet for  
Hex(866962) contains.

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# Color

**Hex(866962)**

# Conversions

## Conversions Part 1

Format	Color
Hex	866962
RGB	134, 105, 98
RGB Percent	53%, 41%, 38%
CMY	0.4745, 0.5882, 0.6157
CMYK	0.00, 0.22, 0.27, 0.47
HSL	12°, 16%, 45%
HSV	12°, 27%, 53%
XYZ	17.0877, 16.0533, 13.7533
YIQ	112.8730, 19.5310, 3.9710

# Conversions

## Conversions Part 2

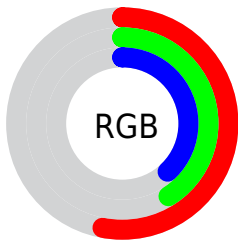
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 107, 98
Decimal	8808802
CIE Lab	47.04, 10.45, 8.35
CIE LCh	47, 13.378, 38.612
Yxy	16.0533, 0.3644, 0.3423
Android (android.graphics.Color)	4286998882 (0xFF866962)
YUV	112.8730, -7.3324, 18.5284
Hunter-Lab	40.0666, 6.0105, 7.6947

# Details

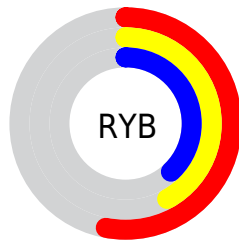
The Hex color **866962** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **627F86**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **BC9C95**, and **533A34** is the 20% darker color. If you saturate the color by 10%, you get **865E55**, and if you desaturate by 10%, it is **86746F**.

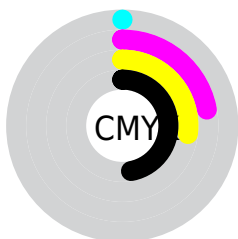
# Distribution



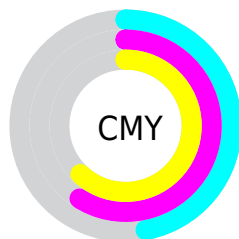
- Red (53%)
- Green (41%)
- Blue (38%)



- Red (53%)
- Yellow (42%)
- Blue (38%)



- Cyan (0%)
- Magenta (22%)
- Yellow (27%)
- Black (47%)



- Cyan (47%)
- Magenta (59%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 866962 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 866962 by changing the saturation by 10% instead.



 866962

 866962

FFFFFF

 6C514A

 BC9C95

 533A34

 D8B7AF

 3C241E

 F4D3CB

 261006

 FFEFE7

 000000

 866962

 866962

 865E55

 86746F

 865347

 867F7D

 86493A

 86898A

■ 863E2C

■ 869498

■ 86331F

■ 869FA5

■ 862812

■ 86AAB2

■ 861D04

■ 86B5C0

■ 861A00

■ 86BFCD

■ 86CADB

# Harmonies

## Analogous

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



87686D



866962



806C5B

# Triad

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



866962



5C7567



676F86

# Complementary

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



866962



627F86

# 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.



597384



866962



537672

# Square

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



866962



68735E



52757D



766C81

# Rectangle

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



866962



796F59



52757D



627186



# Sweetspot

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



866962



ADA2A0



86627F



57504E



D6D6D6



575757



# Same Dimension

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



866962



AD8176



867B62



423D3C



821900



030000



# Inverse Universe

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



627F86



76A3AD



626D86



3C4142



006982



000203



# Previews

## White Background



This preview shows how the Hex color 866962 looks on a white background.

## Color Contrast Check

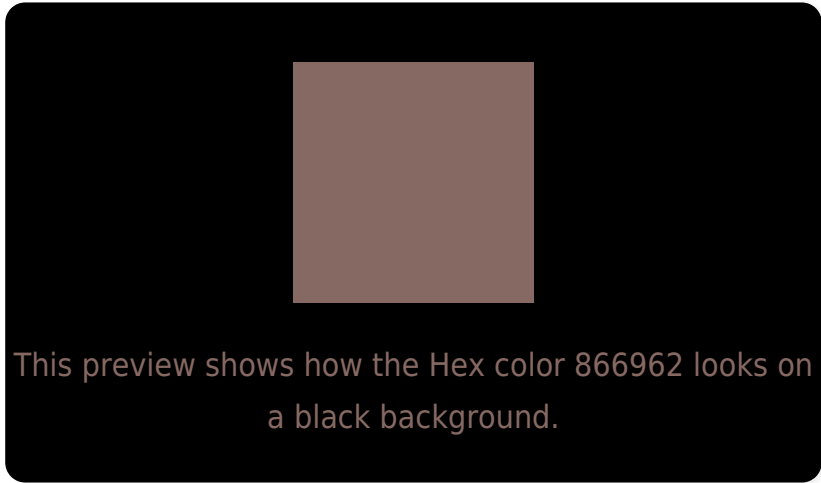
Large Text (above 18pt) WCAG AA ✓ Pass

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 866962 Background



This preview shows how black text looks on a background with the Hex color 866962.

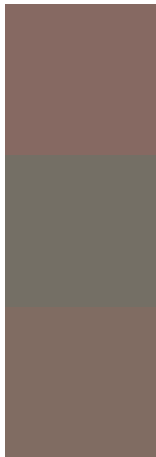


This preview shows how white text looks on a background with the Hex color 866962.

# 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**  
866962

**Protanopia**  
746F65

**Deuteranopia**  
806C62



**Tritanopia**  
87676F

# Trichromacy



**Original Color**  
866962

**Protanomaly**  
7B6D64

**Deuteranomaly**  
826B62

**Tritanomaly**  
87686A

# Monochromacy



**Original Color**  
866962

**Achromatopsia**  
717171

**Achromatomaly**  
796E6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 866962 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 #866962 looks like.

```
.text, #text, p{  
    color:#866962  
}
```

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 #866962 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #866962
}
```

## Border

The CSS property to change the border of an element to Hex 866962 is called "border". The border property can be set on classes, ids or directly on the HTML element.

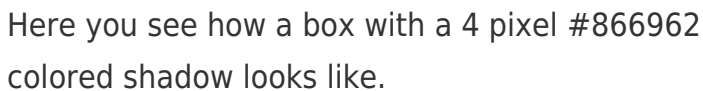
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#866962 }
```

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

```
.border{ border-color:#866962 }
```

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



Here you see how a box with a 4 pixel #866962 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #866962; -webkit-box-shadow:4px 4px  
4px 4px #866962; box-shadow:4px 4px 4px  
4px #866962 }
```

# Background

The CSS property to change the background color of an element to Hex 866962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#866962 }
```

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

```
.background{ background-color:#866962 }
```

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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