

# Converting Colors

Hex(868D75)

Have a look what the booklet for  
Hex(868D75) contains.

<b>Hex(868D75)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(868D75)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	868D75
RGB	134, 141, 117
RGB Percent	53%, 55%, 46%
CMY	0.4745, 0.4471, 0.5412
CMYK	0.05, 0.00, 0.17, 0.45
HSL	77°, 10%, 51%
HSV	77°, 17%, 55%
XYZ	22.5673, 25.4024, 20.5434
YIQ	136.1710, 3.5320, -8.9480

# Conversions

## Conversions Part 2

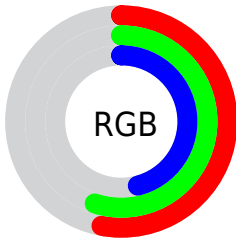
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 141, 124
Decimal	8818037
CIELab	57.47, -7.05, 11.95
CIElCh	57, 13.879, 120.529
Yxy	25.4024, 0.3294, 0.3708
Android (android.graphics.Color)	4287008117 (0xFF868D75)
YUV	136.1710, -9.4513, -1.9040
Hunter-Lab	50.4008, -8.2770, 11.1140

# Details

The Hex color **868D75** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7C758D**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **BBC3A9**, and **545B45** is the 20% darker color. If you saturate the color by 10%, you get **828D67**, and if you desaturate by 10%, it is **8A8D83**.

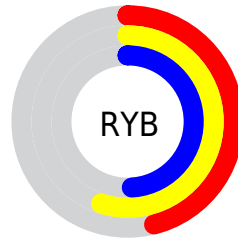
# Distribution



Red (53%)

Green (55%)

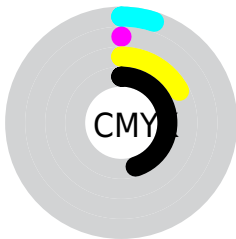
Blue (46%)



Red (46%)

Yellow (55%)

Blue (49%)

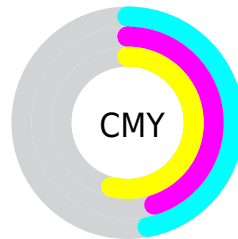


Cyan (5%)

Magenta (0%)

Yellow (17%)

Black (45%)



Cyan (47%)

Magenta (45%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 868D75 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 868D75 by changing the saturation by 10% instead.





868D75



868D75

FFFFFF



6D735C



BBC3A9



545B45



D7DEC4



3D432E



F4FBEO



272D19

FFFFFFD



141900



000000



868D75



868D75



828D67



8A8D83



7E8D59



8E8D91

 7A8D4B

 928D9F

 768D3D

 968DAD

 718D2E

 9B8DBC

 6D8D20

 9F8DCA

 698D12

 A38DD8

 658D04

 A78DE6

 648D00

 AB8DF4

# Harmonies

## Analogous

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



938972



868D75



78907E

# Triad

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



868D75



708E9F



A2828A

# Complementary

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



868D75



7C758D

# 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.



9A8396



868D75



7D8BA2

# Square

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



868D75



6A9196



8D879F



A3827E

# Rectangle

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



868D75



719186



8D879F



A0828E



# Sweetspot

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



868D75



B5B8AE



8D7C75



5A5C56



DBDBDB



5C5C5C



# Same Dimension

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



868D75



ADB893



7A8D75



454740



608700



050800



# Inverse Universe

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



7C758D



9E93B8



88758D



424047



270087



020008



# Previews

## White Background



This preview shows how the Hex color 868D75 looks on a white background.

## Color Contrast Check

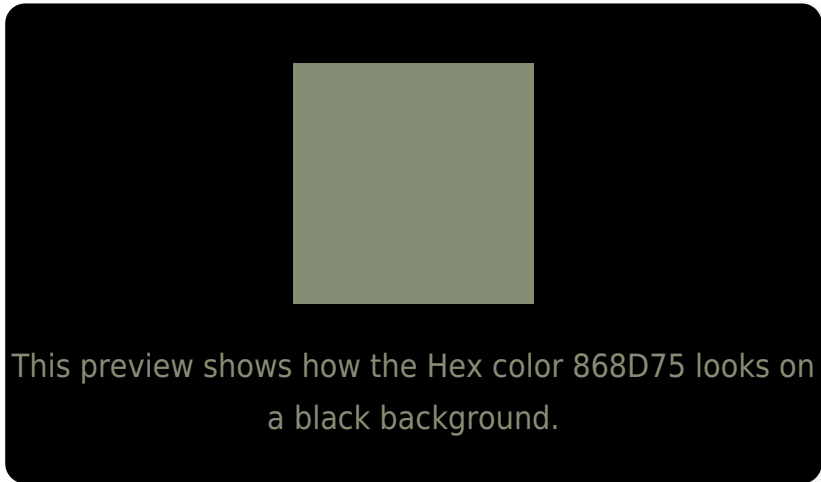
Large Text (above 18pt) WCAG AA ✓ Pass

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

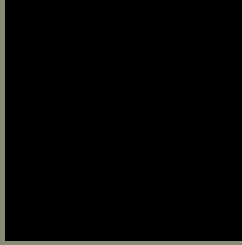
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

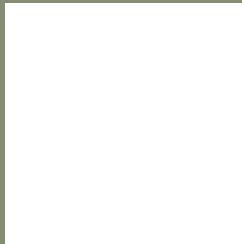
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 868D75 Background



This preview shows how black text looks on a background with the Hex color 868D75.



This preview shows how white text looks on a background with the Hex color 868D75.

# 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**  
868D75

**Protanopia**  
918A73

**Deuteranopia**  
9E577



**Tritanopia**  
8A8994

# Trichromacy



**Original Color**  
868D75

**Protanomaly**  
8D8B74

**Deuteranomaly**  
958876

**Tritanomaly**  
898A89

# Monochromacy



**Original Color**  
868D75

**Achromatopsia**  
888888

**Achromatomaly**  
878A81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 868D75 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 #868D75 looks like.

```
.text, #text, p{  
    color:#868D75  
}
```

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 #868D75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #868D75
}
```

## Border

The CSS property to change the border of an element to Hex 868D75 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
#868D75 }
```

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

```
.border{ border-color:#868D75 }
```

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

Here you see how a box with a 4 pixel #868D75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #868D75; -webkit-box-shadow:4px 4px  
4px 4px #868D75; box-shadow:4px 4px 4px  
4px #868D75 }
```

# Background

The CSS property to change the background color of an element to Hex 868D75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#868D75 }
```

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

```
.background{ background-color:#868D75 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor