

Converting Colors

Hex(868C71)

Have a look what the booklet for
Hex(868C71) contains.

Hex(868C71)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(868C71)

Conversions

Conversions Part 1

Format	Color
Hex	868C71
RGB	134, 140, 113
RGB Percent	53%, 55%, 44%
CMY	0.4745, 0.4510, 0.5569
CMYK	0.04, 0.00, 0.19, 0.45
HSL	73°, 11%, 50%
HSV	73°, 19%, 55%
XYZ	22.1902, 25.0168, 19.2820
YIQ	135.1280, 5.0910, -9.6690

Conversions

Conversions Part 2

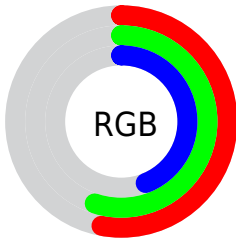
Format	Color
R_{YB}	113, 140, 119
Decimal	8817777
CIE _{Lab}	57.09, -7.17, 13.71
CIE _{LCh}	57, 15.471, 117.622
Yxy	25.0168, 0.3337, 0.3763
Android (android.graphics.Color)	4287007857 (0xFF868C71)
YUV	135.1280, -10.9091, -0.9893
Hunter-Lab	50.0168, -8.3367, 12.1548

Details

The Hex color **868C71** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **77718C**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **BBC2A5**, and **545A41** is the 20% darker color. If you saturate the color by 10%, you get **838C63**, and if you desaturate by 10%, it is **898C7F**.

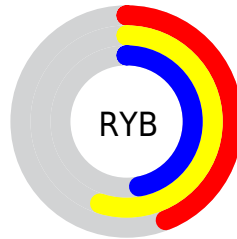
Distribution



Red (53%)

Green (55%)

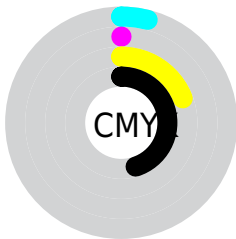
Blue (44%)



Red (44%)

Yellow (55%)

Blue (47%)

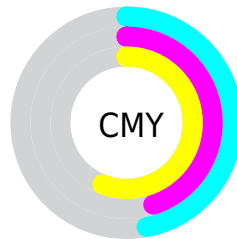


Cyan (4%)

Magenta (0%)

Yellow (19%)

Black (45%)



Cyan (47%)

Magenta (45%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 868C71 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 868C71 by changing the saturation by 10% instead.



868C71



868C71

FFFFFF



6D7358



BBC2A5



545A41



D7DDC0



3D432B



F4FADC



272C16



FFFFFF8



131800



000000



868C71



868C71



838C63



898C7F



808C55



8C8C8D

7D8C47

8F8C9B

7A8C39

928CA9

768C2B

968CB7

738C1D

998CC5

708C0F

9C8CD3

6D8C01

9F8CE1

6D8C00

A28CEF

Harmonies

Analogous

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



95886E



868C71



778F7A

Triad

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



868C71



6A8E9F



A3808B

Complementary

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



868C71



77718C

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.



9A8298



868C71



788BA4

Square

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



868C71



659095



8A86A1



A5807D

Rectangle

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



868C71



6E9083



8A86A1



A1808F

Sweetspot

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



868C71



B3B5AA



8C7771



5A5C55



DBDBDB



5C5C5C

Same Dimension

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



868C71



ACB58B



798C71



43453E



678500



040500

Inverse Universe

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



77718C



958BB5



84718C



3F3E45



1D0085



010005

Previews

White Background



This preview shows how the Hex color 868C71 looks on a white background.

Color Contrast Check

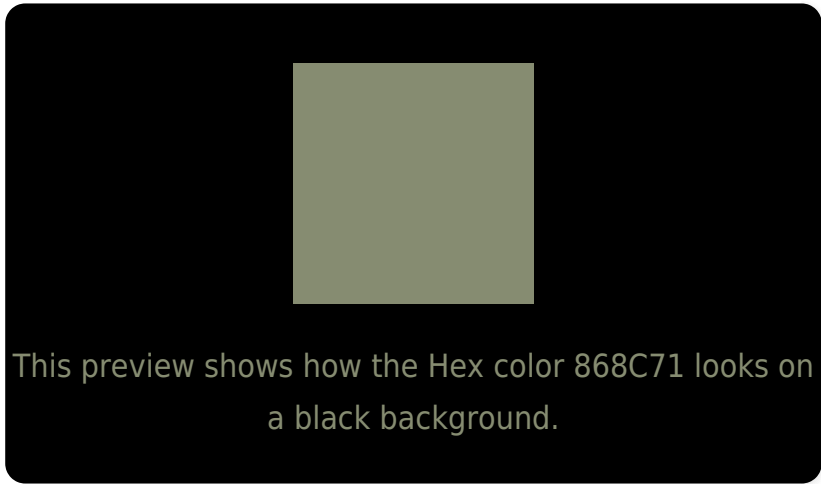
Large Text (above 18pt) WCAG AA ✓ Pass

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

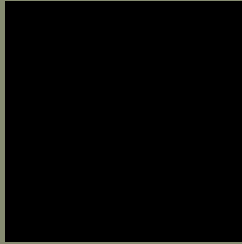
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

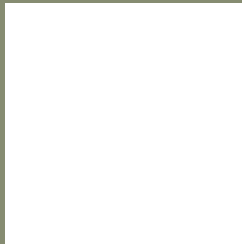
Any Text WCAG AAA × Fail

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

Hex 868C71 Background



This preview shows how black text looks on a background with the Hex color 868C71.



This preview shows how white text looks on a background with the Hex color 868C71.

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
868C71

Protanopia
91896F

Deuteranopia
9E8473



Tritanopia
8B8792

Trichromacy



Original Color
868C71

Protanomaly
8D8A70

Deuteranomaly
958772

Tritanomaly
898986

Monochromacy



Original Color
868C71

Achromatopsia
878787

Achromatomaly
87897F

CSS Examples

Text

The CSS property to change the color of the text to Hex 868C71 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 #868C71 looks like.

```
.text, #text, p{  
    color:#868C71  
}
```

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 #868C71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #868C71
}
```

Border

The CSS property to change the border of an element to Hex 868C71 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
#868C71 }
```

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

```
.border{ border-color:#868C71 }
```

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

Here you see how a box with a 4 pixel #868C71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #868C71; -webkit-box-shadow:4px 4px  
4px 4px #868C71; box-shadow:4px 4px 4px  
4px #868C71 }
```

Background

The CSS property to change the background color of an element to Hex 868C71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#868C71 }
```

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

```
.background{ background-color:#868C71 }
```

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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