

Converting Colors

Hex(808B80)

Have a look what the booklet for
Hex(808B80) contains.

Hex(808B80)	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(808B80)

Conversions

Conversions Part 1

Format	Color
Hex	808B80
RGB	128, 139, 128
RGB Percent	50%, 55%, 50%
CMY	0.4980, 0.4549, 0.4980
CMYK	0.08, 0.00, 0.08, 0.45
HSL	120°, 5%, 52%
HSV	120°, 8%, 55%
XYZ	22.0310, 24.6129, 24.0117
YIQ	134.4570, -3.0250, -5.7530

Conversions

Conversions Part 2

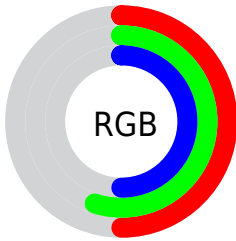
Format	Color
RYB	128, 139, 139
Decimal	8424320
CIELab	56.70, -6.21, 4.51
CIElCh	57, 7.670, 144.023
Yxy	24.6129, 0.3118, 0.3484
Android (android.graphics.Color)	4286614400 (0xFF808B80)
YUV	134.4570, -3.1833, -5.6628
Hunter-Lab	49.6114, -7.5534, 6.0319

Details

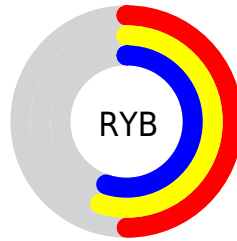
The Hex color **808B80** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8B808B**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B5C0B5**, and **4F594F** is the 20% darker color. If you saturate the color by 10%, you get **728B72**, and if you desaturate by 10%, it is **8E8B8E**.

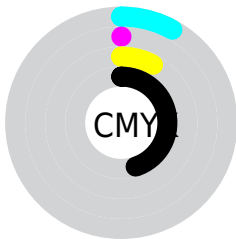
Distribution



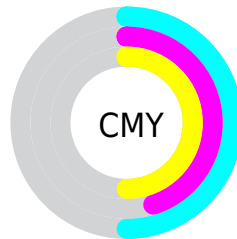
- Red (50%)
- Green (55%)
- Blue (50%)



- Red (50%)
- Yellow (55%)
- Blue (55%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (45%)



- Cyan (50%)
- Magenta (45%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 808B80 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 808B80 by changing the saturation by 10% instead.

808B80

808B80

FFFFFF

677267

B5C0B5

4F594F

D0DCD0

384238

EDF9ED

222C23

0D170D

000000

808B80

808B80

728B72

8E8B8E

648B64

9C8B9C

 568B56

 AA8BAA

 488B48

 B88BB8

 3B8B3B


 C58BC5

 2D8B2D

 D38BD3

 1F8B1F

 E18BE1

 118B11

 EF8BEF

 038B03

 FD8BFD

Harmonies

Analogous

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



88897C



808B80



7A8C86

Triad

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



808B80



808995



978483

Complementary

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



808B80



8B808B

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.



95848A



808B80



888794

Square

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



808B80



7A8B93



908590



94857D

Rectangle

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



808B80



788C8B



908590



978485

Sweetspot

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



808B80



B1B5B1



8B8B80



5A5C5A



DBDBDB



5C5C5C

Same Dimension

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



808B80



A5B5A5



808B85



3E453E



008500



000500

Inverse Universe

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



8B808B



B5A5B5



8B8085



453E45



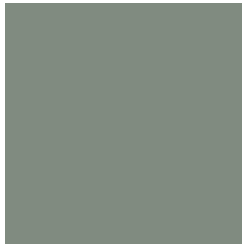
850085



050005

Previews

White Background



This preview shows how the Hex color 808B80 looks on a white background.

Color Contrast Check

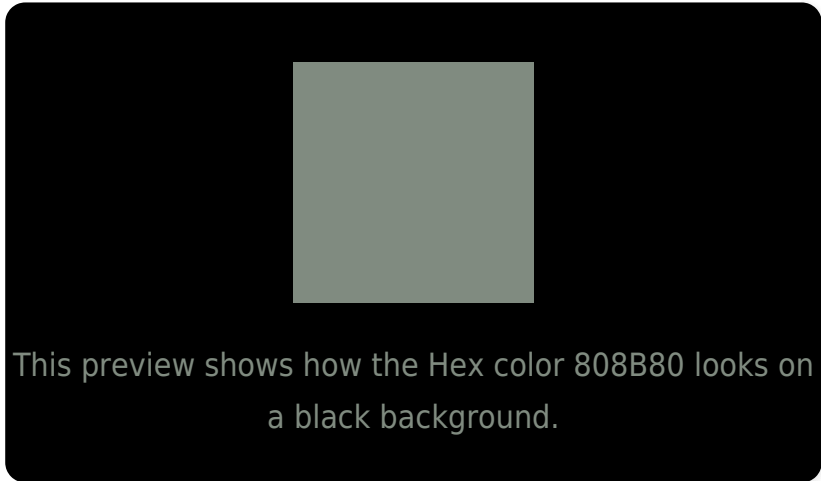
Large Text (above 18pt) WCAG AA ✓ Pass

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

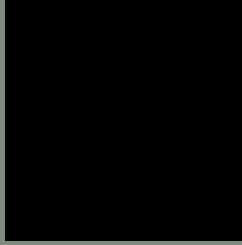
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

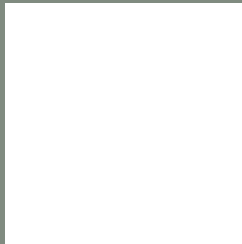
Any Text WCAG AAA × Fail

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

Hex 808B80 Background



This preview shows how black text looks on a background with the Hex color 808B80.



This preview shows how white text looks on a background with the Hex color 808B80.

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
808B80

Protanopia
8D877E

Deuteranopia
978382



Tritanopia
838893

Trichromacy



Original Color
808B80

Protanomaly
88887F

Deuteranomaly
8F8681

Tritanomaly
82898C

Monochromacy



Original Color
808B80

Achromatopsia
868686

Achromatomaly
848884

CSS Examples

Text

The CSS property to change the color of the text to Hex 808B80 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 #808B80 looks like.

```
.text, #text, p{  
    color:#808B80  
}
```

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 #808B80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #808B80
}
```

Border

The CSS property to change the border of an element to Hex 808B80 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
#808B80 }
```

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

```
.border{ border-color:#808B80 }
```

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

Here you see how a box with a 4 pixel #808B80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #808B80; -webkit-box-shadow:4px 4px  
4px 4px #808B80; box-shadow:4px 4px 4px  
4px #808B80 }
```

Background

The CSS property to change the background color of an element to Hex 808B80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#808B80 }
```

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

```
.background{ background-color:#808B80 }
```

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