

Converting Colors

Hex(8C8180)

Have a look what the booklet for
Hex(8C8180) contains.

Hex(8C8180)	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(8C8180)

Conversions

Conversions Part 1

Format	Color
Hex	8C8180
RGB	140, 129, 128
RGB Percent	55%, 51%, 50%
CMY	0.4510, 0.4941, 0.4980
CMYK	0.00, 0.08, 0.09, 0.45
HSL	5°, 5%, 53%
HSV	5°, 9%, 55%
XYZ	22.5618, 22.8345, 23.6404
YIQ	132.1750, 6.8770, 2.0210

Conversions

Conversions Part 2

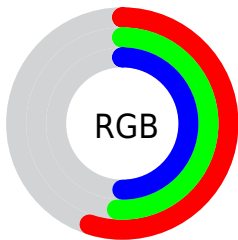
Format	Color
R_{YB}	140, 129, 128
Decimal	9208192
CIE _{Lab}	54.90, 3.98, 2.04
CIE _{LCh}	55, 4.468, 27.126
Yxy	22.8345, 0.3268, 0.3308
Android (android.graphics.Color)	4287398272 (0xFF8C8180)
YUV	132.1750, -2.0583, 6.8625
Hunter-Lab	47.7854, 0.6538, 4.1178

Details

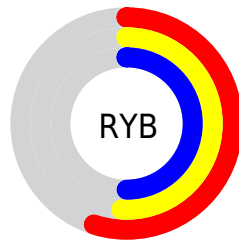
The Hex color **8C8180** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **808B8C**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **C2B6B5**, and **5A504F** is the 20% darker color. If you saturate the color by 10%, you get **8C7472**, and if you desaturate by 10%, it is **8C8E8E**.

Distribution



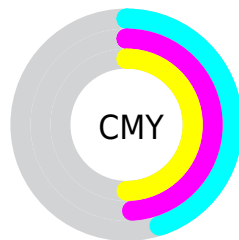
- Red (55%)
- Green (51%)
- Blue (50%)



- Red (55%)
- Yellow (51%)
- Blue (50%)



- Cyan (0%)
- Magenta (8%)
- Yellow (9%)
- Black (45%)



- Cyan (45%)
- Magenta (49%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C8180 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 8C8180 by changing the saturation by 10% instead.



8C8180



8C8180

FFFFFF



726867



C2B6B5



5A504F



DDD1D0



423938



FAEEED



2C2323



180E0D



000000



8C8180



8C8180



8C7472



8C8E8E



8C6764



8C9B9C

 8C5A56

 8CA8AA

 8C4E48

 8CB4B8

 8C413A

 8CC1C6

 8C342C

 8CCED4

 8C271E

 8CDBE2

 8C1A10

 8CE8F0

 8C0D02

 8CF5FE

Harmonies

Analogous

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



8B8184



8C8180



8B827D

Triad

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



8C8180



7E857F



7F848B

Complementary

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



8C8180



808B8C

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.



7C858A



8C8180



7B8683

Square

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



8C8180



83847C



7A8687



84838A

Rectangle

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



8C8180



88837C



7A8687



7E848B

Sweetspot

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



8C8180



B5B0B0



8C808B



5C5858



DBDBDB



5C5C5C

Same Dimension

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



8C8180



B5A4A3



8C8780



453F3E



850B00



050000

Inverse Universe

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



808B8C



A3B4B5



80858C



3E4445



007A85



000505

Previews

White Background



This preview shows how the Hex color 8C8180 looks on a white background.

Color Contrast Check

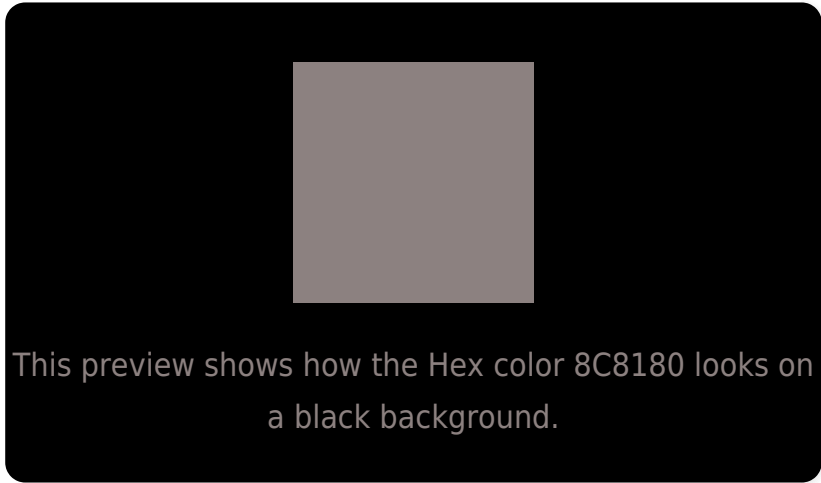
Large Text (above 18pt) WCAG AA ✓ Pass

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

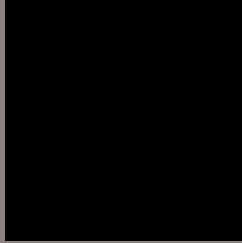
Any Text WCAG AA ✓ Pass

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 8C8180 Background



This preview shows how black text looks on a background with the Hex color 8C8180.



This preview shows how white text looks on a background with the Hex color 8C8180.

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
8C8180

Protanopia
868381

Deuteranopia
917F80



Tritanopia
8D808A

Trichromacy



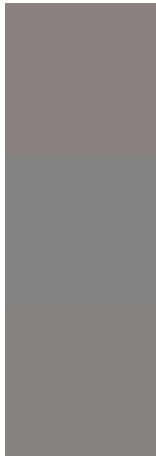
Original Color
8C8180

Protanomaly
888281

Deuteranomaly
8F8080

Tritanomaly
8D8086

Monochromacy



Original Color
8C8180

Achromatopsia
848484

Achromatomaly
878383

CSS Examples

Text

The CSS property to change the color of the text to Hex 8C8180 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 #8C8180 looks like.

```
.text, #text, p{  
    color:#8C8180  
}
```

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 #8C8180 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C8180
}
```

Border

The CSS property to change the border of an element to Hex 8C8180 is called "border". The border property can be set on classes, ids or directly on the HTML element.

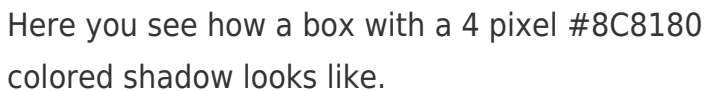
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C8180 }
```

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

```
.border{ border-color:#8C8180 }
```

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



Here you see how a box with a 4 pixel #8C8180 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C8180; -webkit-box-shadow:4px 4px  
4px 4px #8C8180; box-shadow:4px 4px 4px  
4px #8C8180 }
```

Background

The CSS property to change the background color of an element to Hex 8C8180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C8180 }
```

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

```
.background{ background-color:#8C8180 }
```

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