

Converting Colors

Hex(8877B2)

Have a look what the booklet for
Hex(8877B2) contains.

Hex(8877B2)	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(8877B2)

Conversions

Conversions Part 1

Format	Color
Hex	8877B2
RGB	136, 119, 178
RGB Percent	53%, 47%, 70%
CMY	0.4667, 0.5333, 0.3020
CMYK	0.24, 0.33, 0.00, 0.30
HSL	257°, 28%, 58%
HSV	257°, 33%, 70%
XYZ	24.7861, 21.6422, 44.9905
YIQ	130.8090, -8.8070, 21.9530

Conversions

Conversions Part 2

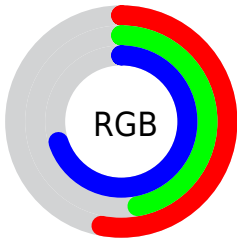
Format	Color
R_{YB}	136, 119, 178
Decimal	8943538
CIE _{Lab}	53.65, 19.25, -28.89
CIE _{LCh}	54, 34.712, 303.676
Yxy	21.6422, 0.2711, 0.2367
Android (android.graphics.Color)	4287133618 (0xFF8877B2)
YUV	130.8090, 23.2652, 4.5525
Hunter-Lab	46.5212, 13.6909, -24.7743

Details

The Hex color **8877B2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A1B277**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **BEABEA**, and **55467D** is the 20% darker color. If you saturate the color by 10%, you get **7B65B2**, and if you desaturate by 10%, it is **9589B2**.

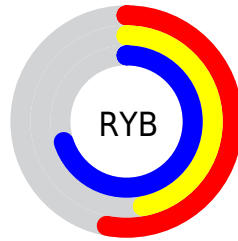
Distribution



Red (53%)

Green (47%)

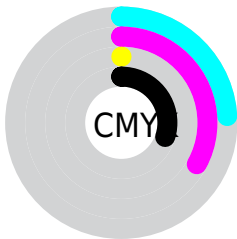
Blue (70%)



Red (53%)

Yellow (47%)

Blue (70%)

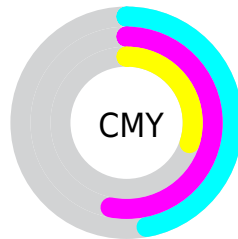


Cyan (24%)

Magenta (33%)

Yellow (0%)

Black (30%)



Cyan (47%)

Magenta (53%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8877B2 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 8877B2 by changing the saturation by 10% instead.

■ 8877B2

■ 8877B2

FFFFFF

■ 6E5E97

■ BEABEA

■ 55467D

■ DAC7FF

■ 3C3064

■ F7E3FF

■ 241B4C

■ 0F0235

■ 00021F

■ 000002

■ 000000

■ 8877B2

■ 8877B2

7B65B2

9589B2

6F53B2

A19BB2

6242B2

AEACB2

5530B2

BBBEB2

491EB2

C7D0B2

3C0CB2

D4E2B2

3300B2

E1F4B2

EDFFB2

FAFFB2

Harmonies

Analogous

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



5882BC



8877B2



A96D9B

Triad

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



8877B2



A8754B



0F9083

Complementary

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



8877B2



A1B277

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.



4B8E65



8877B2



908043

Square

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



8877B2



B76C61



70884D



008FA0

Rectangle

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



8877B2



B56988



70884D



2A8F79

Sweetspot

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



8877B2



D8D1E8



77A1B2



6B6775



F5F5F5



757575

Same Dimension

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



8877B2



A68BE8



A577B2



535059



2C0099



07001A

Inverse Universe

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



B277A1



E88BCD



84B277



595057



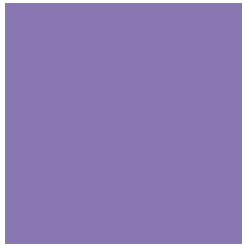
99006D



1A0012

Previews

White Background



This preview shows how the Hex color 8877B2 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

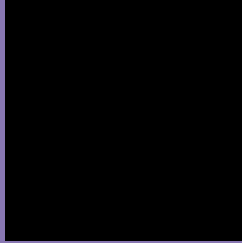
Any Text WCAG AA ✓ Pass

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 8877B2 Background



This preview shows how black text looks on a background with the Hex color 8877B2.



This preview shows how white text looks on a background with the Hex color 8877B2.

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
8877B2

Protanopia
6E7EB8

Deuteranopia
717FB0



Tritanopia
807F89

Trichromacy



Original Color
8877B2

Protanomaly
777BB6

Deuteranomaly
797CB1

Tritanomaly
837C98

Monochromacy



Original Color
8877B2

Achromatopsia
838383

Achromatomaly
857F94

CSS Examples

Text

The CSS property to change the color of the text to Hex 8877B2 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 #8877B2 looks like.

```
.text, #text, p{  
    color:#8877B2  
}
```

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 #8877B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8877B2
}
```

Border

The CSS property to change the border of an element to Hex 8877B2 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".

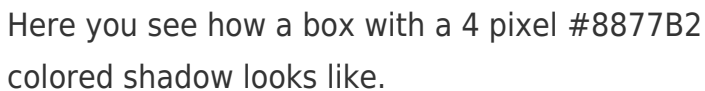
```
.border, #border, table{ border:4px solid
#8877B2 }
```

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

```
.border{ border-color:#8877B2 }
```

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

Here you see how a box with a 4 pixel #8877B2 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8877B2; -webkit-box-shadow:4px 4px  
4px 4px #8877B2; box-shadow:4px 4px 4px  
4px #8877B2 }
```

Background

The CSS property to change the background color of an element to Hex 8877B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8877B2 }
```

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

```
.background{ background-color:#8877B2 }
```

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