

Converting Colors

Hex(877BA4)

Have a look what the booklet for
Hex(877BA4) contains.

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Color

Hex(877BA4)

Conversions

Conversions Part 1

Format	Color
Hex	877BA4
RGB	135, 123, 164
RGB Percent	53%, 48%, 64%
CMY	0.4706, 0.5176, 0.3569
CMYK	0.18, 0.25, 0.00, 0.36
HSL	258°, 18%, 56%
HSV	258°, 25%, 64%
XYZ	23.7755, 21.9972, 38.1147
YIQ	131.2620, -6.0090, 15.2950

Conversions

Conversions Part 2

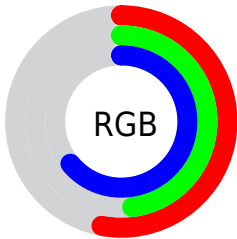
Format	Color
R_{YB}	135, 123, 164
Decimal	8879012
CIE _{Lab}	54.02, 13.21, -20.22
CIE _{LCh}	54, 24.156, 303.161
Yxy	21.9972, 0.2834, 0.2622
Android (android.graphics.Color)	4287069092 (0xFF877BA4)
YUV	131.2620, 16.1398, 3.2782
Hunter-Lab	46.9011, 8.4096, -15.3519

Details

The Hex color **877BA4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **98A47B**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **BDAFDB**, and **554A70** is the 20% darker color. If you saturate the color by 10%, you get **7B6BA4**, and if you desaturate by 10%, it is **938BA4**.

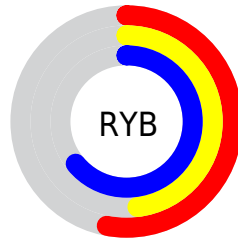
Distribution



Red (53%)

Green (48%)

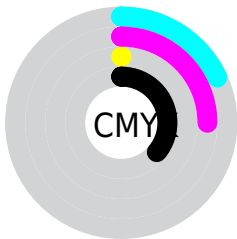
Blue (64%)



Red (53%)

Yellow (48%)

Blue (64%)

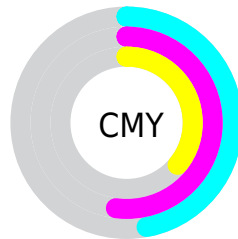


Cyan (18%)

Magenta (25%)

Yellow (0%)

Black (36%)



Cyan (47%)

Magenta (52%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 877BA4 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 877BA4 by changing the saturation by 10% instead.



877BA4



877BA4

FFFFFF



6D628A



BDAFDB



554A70



D9CBF8



3D3458



F5E7FF



261E40



12072A



000115



000000



877BA4



877BA4



7B6BA4



938BA4

705AA4

9E9CA4

644AA4

AAACA4

5939A4

B5BDA4

4D29A4

C1CDA4

4119A4

CDDDA4

3608A4

D8EEA4

3000A4

E4FEA4

EFFFA4

Harmonies

Analogous

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



6982AA



877BA4



9E7594

Triad

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



877BA4



A0795D



498D83

Complementary

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



877BA4



98A47B

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.



5F8B6E



877BA4



8E8157

Square

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



877BA4



AA746B



77875E



3F8C97

Rectangle

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



877BA4



A77287



77875E



508C7B

Sweetspot

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



877BA4



CAC5D6



7B98A4



64606B



EBEBEB



6B6B6B

Same Dimension

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



877BA4



A996D6



9B7BA4



4C4952



2B0091



050012

Inverse Universe

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



A47B98



D696C3



84A47B



52494F



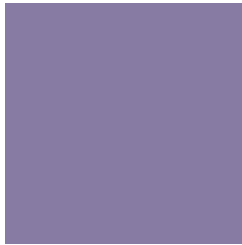
910067



12000D

Previews

White Background



This preview shows how the Hex color 877BA4 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

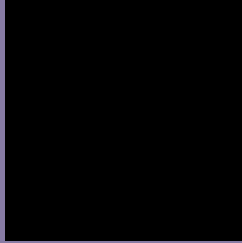
Any Text WCAG AA ✓ Pass

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 877BA4 Background



This preview shows how black text looks on a background with the Hex color 877BA4.

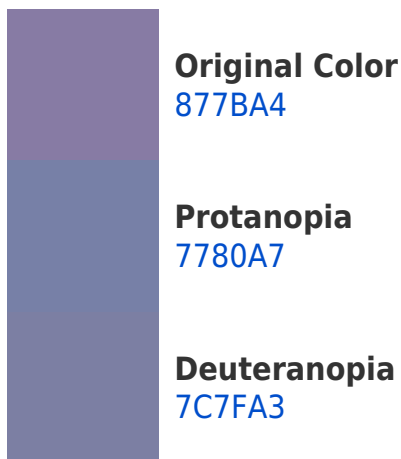


This preview shows how white text looks on a background with the Hex color 877BA4.

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





Tritanopia
82808A

Trichromacy



Original Color
877BA4

Protanomaly
7D7EA6

Deuteranomaly
807EA3

Tritanomaly
847E93

Monochromacy



Original Color
877BA4

Achromatopsia
838383

Achromatomaly
84808F

CSS Examples

Text

The CSS property to change the color of the text to Hex 877BA4 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 #877BA4 looks like.

```
.text, #text, p{  
    color:#877BA4  
}
```

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 #877BA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #877BA4
}
```

Border

The CSS property to change the border of an element to Hex 877BA4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

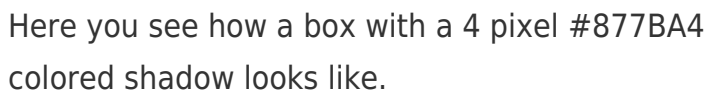
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#877BA4 }
```

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

```
.border{ border-color:#877BA4 }
```

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



Here you see how a box with a 4 pixel #877BA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #877BA4; -webkit-box-shadow:4px 4px  
4px 4px #877BA4; box-shadow:4px 4px 4px  
4px #877BA4 }
```

Background

The CSS property to change the background color of an element to Hex 877BA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#877BA4 }
```

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

```
.background{ background-color:#877BA4 }
```

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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