

# Converting Colors

Hex(8E77AA)

Have a look what the booklet for  
Hex(8E77AA) contains.

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# Color

**Hex(8E77AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E77AA
RGB	142, 119, 170
RGB Percent	56%, 47%, 67%
CMY	0.4431, 0.5333, 0.3333
CMYK	0.16, 0.30, 0.00, 0.33
HSL	267°, 23%, 57%
HSV	267°, 30%, 67%
XYZ	25.0079, 21.8467, 40.9290
YIQ	131.6910, -2.6630, 20.7370

# Conversions

## Conversions Part 2

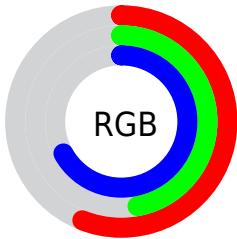
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 119, 170
Decimal	9336746
CIE <sub>Lab</sub>	53.86, 19.25, -23.88
CIE <sub>LCh</sub>	54, 30.680, 308.874
Yxy	21.8467, 0.2849, 0.2489
Android (android.graphics.Color)	4287526826 (0xFF8E77AA)
YUV	131.6910, 18.8863, 9.0410
Hunter-Lab	46.7405, 13.7082, -19.1998

# Details

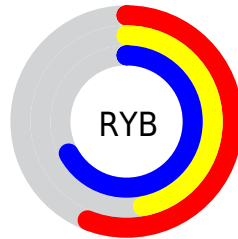
The Hex color **8E77AA** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **93AA77**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **C4ABE1**, and **5B4676** is the 20% darker color. If you saturate the color by 10%, you get **8566AA**, and if you desaturate by 10%, it is **9788AA**.

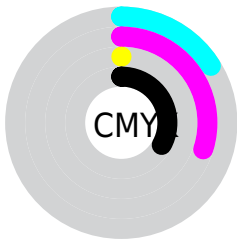
# Distribution



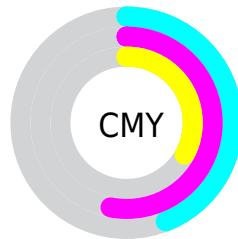
- Red (56%)
- Green (47%)
- Blue (67%)



- Red (56%)
- Yellow (47%)
- Blue (67%)



- Cyan (16%)
- Magenta (30%)
- Yellow (0%)
- Black (33%)



- Cyan (44%)
- Magenta (53%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E77AA 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 8E77AA by changing the saturation by 10% instead.



8E77AA

8E77AA

FFFFFF

745E8F

C4ABE1

5B4676

E0C7FE

43305D

FDE3FF

2B1A45

17022F

000119

000000

8E77AA

8E77AA

8566AA

9788AA

7B55AA

A199AA

7244AA

AAAAAA

6933AA

B3BBAA

5F22AA

BDCCAA

5611AA

C6DDAA

4D00AA

CFEEAA

D9FFAA

E2FFAA

# Harmonies

## Analogous

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



6781B5



8E77AA



A86F94

# Triad

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



8E77AA



A27950



278F88

# Complementary

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



8E77AA



93AA77

# 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.



4D8D6D



8E77AA



8A824C

# Square

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



8E77AA



B17061



6E8957



0E8DA1

# Rectangle

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



8E77AA



B26C83



6E8957



348F7F



# Sweetspot

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



8E77AA



D3CADE



7793AA



696470



F0F0F0



707070



# Same Dimension

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



8E77AA



B28EDE



A777AA



504C54



430094



090014



# Inverse Universe

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



AA7793



DE8EBA



7AAA77



544C50



940051

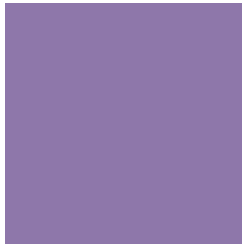


14000B



# Previews

## White Background



This preview shows how the Hex color 8E77AA looks on a white background.

## Color Contrast Check

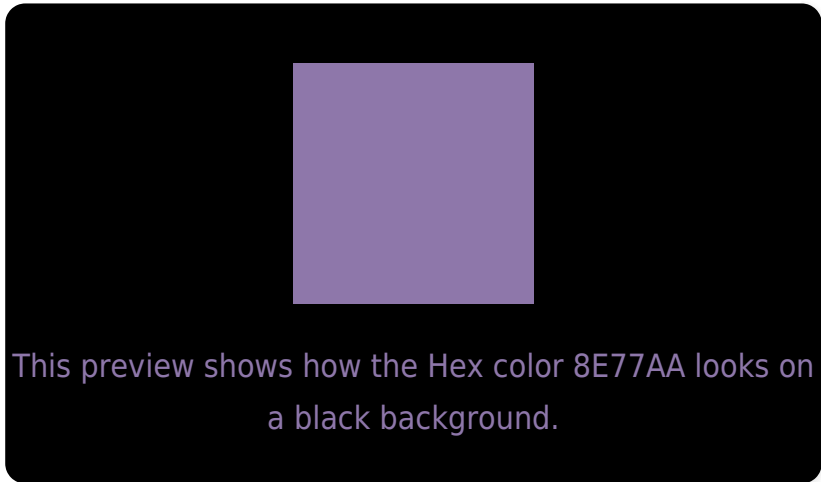
Large Text (above 18pt) WCAG AA ✓ Pass

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

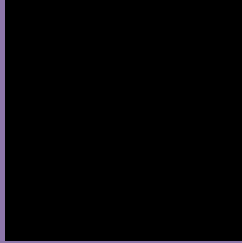
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8E77AA Background



This preview shows how black text looks on a background with the Hex color 8E77AA.

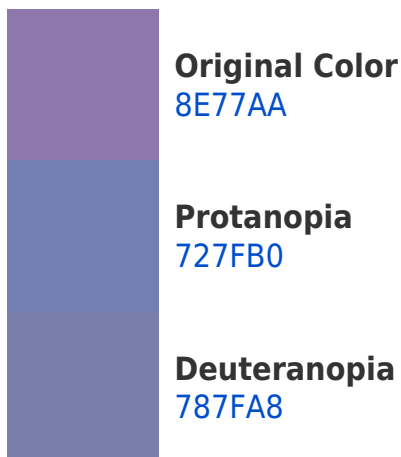


This preview shows how white text looks on a background with the Hex color 8E77AA.

# 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**  
887E88

# Trichromacy



**Original Color**  
8E77AA

**Protanomaly**  
7C7CAE

**Deuteranomaly**  
807CA9

**Tritanomaly**  
8A7B94

# Monochromacy



**Original Color**  
8E77AA

**Achromatopsia**  
848484

**Achromatomaly**  
887F92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E77AA 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 #8E77AA looks like.

```
.text, #text, p{  
    color:#8E77AA  
}
```

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 #8E77AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E77AA
}
```

## Border

The CSS property to change the border of an element to Hex 8E77AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

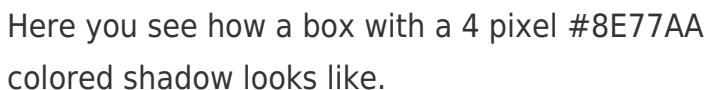
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E77AA }
```

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

```
.border{ border-color:#8E77AA }
```

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



Here you see how a box with a 4 pixel #8E77AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E77AA; -webkit-box-shadow:4px 4px  
4px 4px #8E77AA; box-shadow:4px 4px 4px  
4px #8E77AA }
```

# Background

The CSS property to change the background color of an element to Hex 8E77AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E77AA }
```

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

```
.background{ background-color:#8E77AA }
```

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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