

Converting Colors

Hex(8E78AA)

Have a look what the booklet for
Hex(8E78AA) contains.

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Color

Hex(8E78AA)

Conversions

Conversions Part 1

Format	Color
Hex	8E78AA
RGB	142, 120, 170
RGB Percent	56%, 47%, 67%
CMY	0.4431, 0.5294, 0.3333
CMYK	0.16, 0.29, 0.00, 0.33
HSL	266°, 23%, 57%
HSV	266°, 29%, 67%
XYZ	25.1275, 22.0860, 40.9689
YIQ	132.2780, -2.9380, 20.2140

Conversions

Conversions Part 2

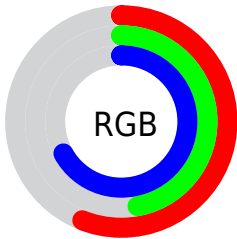
Format	Color
R_{YB}	142, 120, 170
Decimal	9337002
CIE _{Lab}	54.12, 18.67, -23.49
CIE _{LCh}	54, 30.008, 308.473
Yxy	22.0860, 0.2849, 0.2505
Android (android.graphics.Color)	4287527082 (0xFF8E78AA)
YUV	132.2780, 18.5969, 8.5262
Hunter-Lab	46.9957, 13.1971, -18.7894

Details

The Hex color **8E78AA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **94AA78**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **C4ACE1**, and **5B4776** is the 20% darker color. If you saturate the color by 10%, you get **8467AA**, and if you desaturate by 10%, it is **9889AA**.

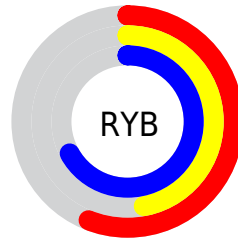
Distribution



Red (56%)

Green (47%)

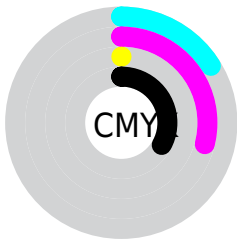
Blue (67%)



Red (56%)

Yellow (47%)

Blue (67%)

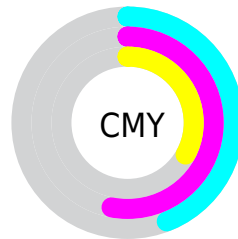


Cyan (16%)

Magenta (29%)

Yellow (0%)

Black (33%)



Cyan (44%)

Magenta (53%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8E78AA 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 8E78AA by changing the saturation by 10% instead.



8E78AA



8E78AA

FFFFFF



745F8F



C4ACE1



5B4776



E0C8FE



43315D



FDE4FF



2B1B45



17032F



000119



000000



8E78AA



8E78AA



8467AA



9889AA

7B56AA

A19AAA

7145AA

ABABAA

6834AA

B4BCAA

5E23AA

BECDA

5512AA

C7DEAA

4B01AA

D1EFAA

4B00AA

DAFFAA

E4FFAA

Harmonies

Analogous

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



6881B4



8E78AA



A87095

Triad

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



8E78AA



A27952



2D8F88

Complementary

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



8E78AA



94AA78

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.



4F8E6E



8E78AA



8B824E

Square

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



8E78AA



B17162



6F8958



198EA1

Rectangle

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



8E78AA



B16D84



6F8958



388F7F

Sweetspot

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



8E78AA



D3CADE



7894AA



696470



F0F0F0



707070

Same Dimension

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



8E78AA



B290DE



A778AA



4F4C54



410094



090014

Inverse Universe

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



AA7894



DE90BC



7BAA78



544C50



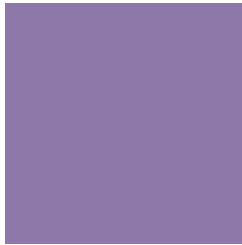
940053



14000B

Previews

White Background



This preview shows how the Hex color 8E78AA looks on a white background.

Color Contrast Check

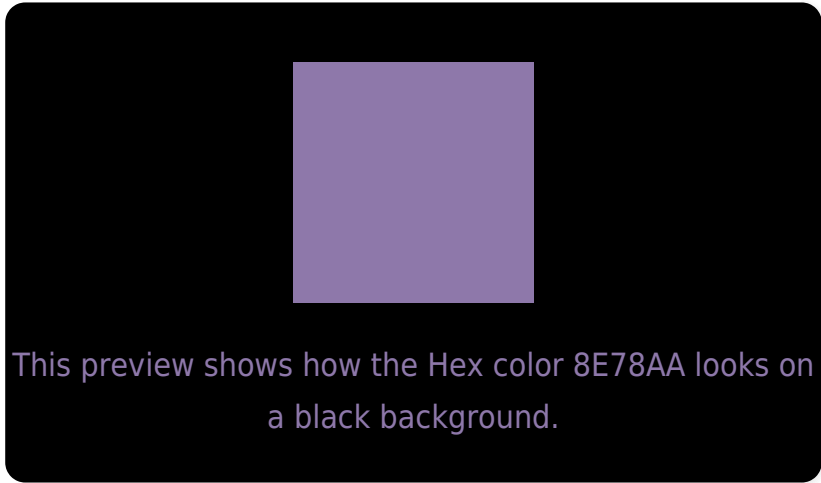
Large Text (above 18pt) WCAG AA ✓ Pass

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

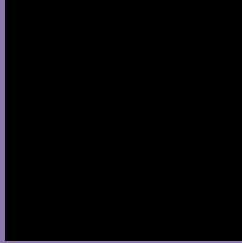
Any Text WCAG AA ✓ Pass

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 8E78AA Background



This preview shows how black text looks on a background with the Hex color 8E78AA.

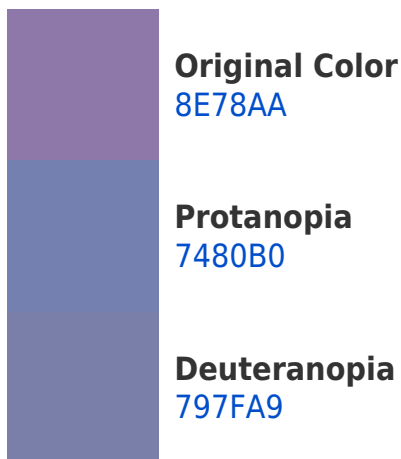


This preview shows how white text looks on a background with the Hex color 8E78AA.

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
8E78AA

Protanomaly
7D7DAE

Deuteranomaly
817CA9

Tritanomaly
8A7C94

Monochromacy



Original Color
8E78AA

Achromatopsia
848484

Achromatomaly
888092

CSS Examples

Text

The CSS property to change the color of the text to Hex 8E78AA 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 #8E78AA looks like.

```
.text, #text, p{  
    color:#8E78AA  
}
```

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 #8E78AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E78AA
}
```

Border

The CSS property to change the border of an element to Hex 8E78AA 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
#8E78AA }
```

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

```
.border{ border-color:#8E78AA }
```

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

Here you see how a box with a 4 pixel #8E78AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E78AA; -webkit-box-shadow:4px 4px  
4px 4px #8E78AA; box-shadow:4px 4px 4px  
4px #8E78AA }
```

Background

The CSS property to change the background color of an element to Hex 8E78AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E78AA }
```

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

```
.background{ background-color:#8E78AA }
```

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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