

Converting Colors

Hex(8E78A8)

Have a look what the booklet for
Hex(8E78A8) contains.

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Color

Hex(8E78A8)

Conversions

Conversions Part 1

Format	Color
Hex	8E78A8
RGB	142, 120, 168
RGB Percent	56%, 47%, 66%
CMY	0.4431, 0.5294, 0.3412
CMYK	0.15, 0.29, 0.00, 0.34
HSL	268°, 22%, 56%
HSV	268°, 29%, 66%
XYZ	24.9397, 22.0109, 39.9798
YIQ	132.0500, -2.2960, 19.5920

Conversions

Conversions Part 2

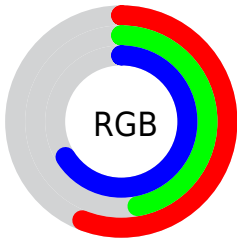
Format	Color
RYB	142, 120, 168
Decimal	9337000
CIELab	54.04, 18.21, -22.46
CIELCh	54, 28.915, 309.037
Yxy	22.0109, 0.2869, 0.2532
Android (android.graphics.Color)	4287527080 (0xFF8E78A8)
YUV	132.0500, 17.7233, 8.7261
Hunter-Lab	46.9158, 12.7853, -17.6837

Details

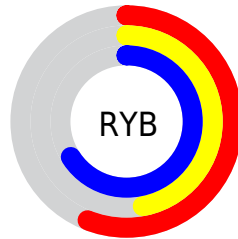
The Hex color **8E78A8** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **92A878**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **C4ACDF**, and **5B4774** is the 20% darker color. If you saturate the color by 10%, you get **8567A8**, and if you desaturate by 10%, it is **9789A8**.

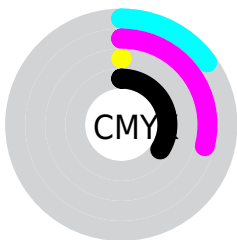
Distribution



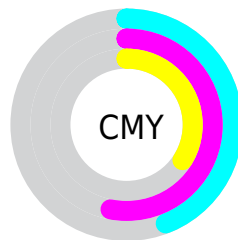
- Red (56%)
- Green (47%)
- Blue (66%)



- Red (56%)
- Yellow (47%)
- Blue (66%)



- Cyan (15%)
- Magenta (29%)
- Yellow (0%)
- Black (34%)



- Cyan (44%)
- Magenta (53%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8E78A8 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 8E78A8 by changing the saturation by 10% instead.



8E78A8



8E78A8

FFFFFF



745F8D



C4ACDF



5B4774



E0C8FC



43315B



FDE4FF



2C1B43



17032D



000118



000000



8E78A8



8E78A8



8567A8



9789A8

 7C56A8

 A09AA8

 7346A8

 A9AAA8

 6A35A8

 B2BBA8

 6124A8

 BBCCA8

 5713A8

 C5DDA8

 4E02A8

 CEEEA8

 4D00A8

 D7FEA8

 E0FFA8

Harmonies

Analogous

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



6A81B2



8E78A8



A77094

Triad

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



8E78A8



A17A53



328F88

Complementary

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



8E78A8



92A878

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.



518D6F



8E78A8



8B824F

Square

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



8E78A8



AF7263



6F895A



238DA0

Rectangle

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



8E78A8



B06E83



6F895A



3C8F7F

Sweetspot

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



8E78A8



D1C8DB



7892A8



67626E



EDEDED



6E6E6E

Same Dimension

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



8E78A8



B391DB



A678A8



504C54



440094



090014

Inverse Universe

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



A87892



DB91B9



7AA878



544C50



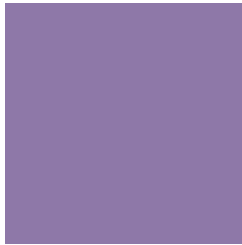
940050



14000B

Previews

White Background



This preview shows how the Hex color 8E78A8 looks on a white background.

Color Contrast Check

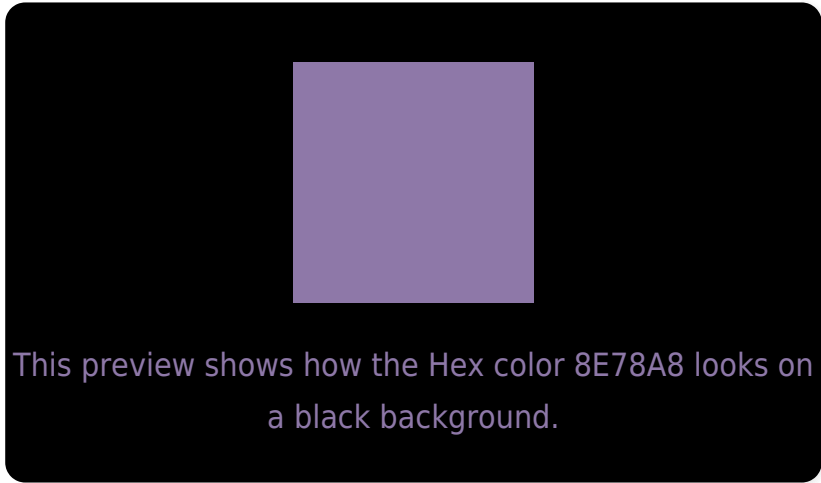
Large Text (above 18pt) WCAG AA ✓ Pass

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

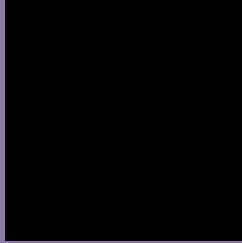
Any Text WCAG AA ✓ Pass

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 8E78A8 Background



This preview shows how black text looks on a background with the Hex color 8E78A8.

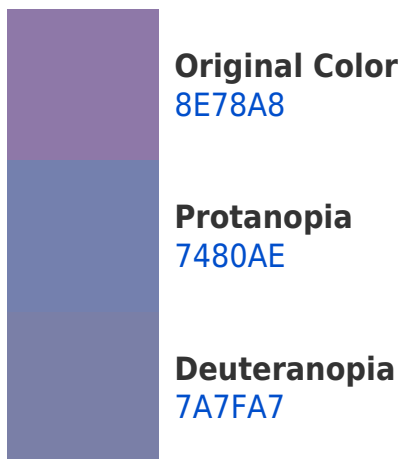


This preview shows how white text looks on a background with the Hex color 8E78A8.

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
897E88

Trichromacy



Original Color
8E78A8

Protanomaly
7D7DAC

Deuteranomaly
817CA7

Tritanomaly
8B7C94

Monochromacy



Original Color
8E78A8

Achromatopsia
848484

Achromatomaly
888091

CSS Examples

Text

The CSS property to change the color of the text to Hex 8E78A8 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 #8E78A8 looks like.

```
.text, #text, p{  
    color:#8E78A8  
}
```

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 #8E78A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E78A8  
}
```

Border

The CSS property to change the border of an element to Hex 8E78A8 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  
#8E78A8 }
```

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

```
.border{ border-color:#8E78A8 }
```

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

Here you see how a box with a 4 pixel #8E78A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E78A8; -webkit-box-shadow:4px 4px  
4px 4px #8E78A8; box-shadow:4px 4px 4px  
4px #8E78A8 }
```

Background

The CSS property to change the background color of an element to Hex 8E78A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E78A8 }
```

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

```
.background{ background-color:#8E78A8 }
```

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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