

Converting Colors

Hex(8D78A8)

Have a look what the booklet for
Hex(8D78A8) contains.

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Color

Hex(8D78A8)

Conversions

Conversions Part 1

Format	Color
Hex	8D78A8
RGB	141, 120, 168
RGB Percent	55%, 47%, 66%
CMY	0.4471, 0.5294, 0.3412
CMYK	0.16, 0.29, 0.00, 0.34
HSL	266°, 22%, 56%
HSV	266°, 29%, 66%
XYZ	24.7689, 21.9228, 39.9719
YIQ	131.7510, -2.8920, 19.3800

Conversions

Conversions Part 2

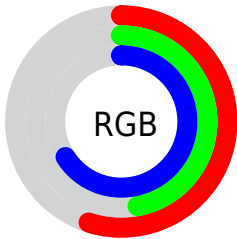
Format	Color
R_{YB}	141, 120, 168
Decimal	9271464
CIE _{Lab}	53.95, 17.88, -22.61
CIE _{LCh}	54, 28.827, 308.338
Yxy	21.9228, 0.2858, 0.2530
Android (android.graphics.Color)	4287461544 (0xFF8D78A8)
YUV	131.7510, 17.8708, 8.1114
Hunter-Lab	46.8218, 12.4888, -17.8407

Details

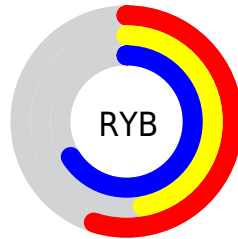
The Hex color **8D78A8** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **93A878**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **C3ACDF**, and **5A4774** is the 20% darker color. If you saturate the color by 10%, you get **8467A8**, and if you desaturate by 10%, it is **9689A8**.

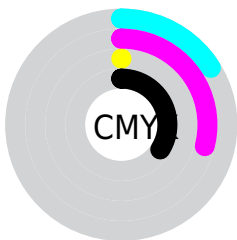
Distribution



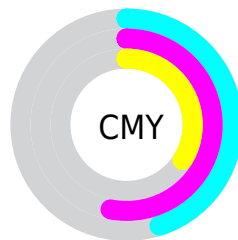
- Red (55%)
- Green (47%)
- Blue (66%)



- Red (55%)
- Yellow (47%)
- Blue (66%)



- Cyan (16%)
- Magenta (29%)
- Yellow (0%)
- Black (34%)



- Cyan (45%)
- Magenta (53%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8D78A8 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 8D78A8 by changing the saturation by 10% instead.

8D78A8

8D78A8

FFFFFF

735F8D

C3ACDF

5A4774

DFC8FC

42315B

FCE4FF

2B1B43

17032D

000118

000000

8D78A8

8D78A8

8467A8

9689A8

7A56A8

A09AA8

7146A8

A9AAA8

6735A8

B3BBA8

5E24A8

BCCCA8

5413A8

C6DDA8

4B02A8

CFEEA8

4A00A8

D9FEA8

E2FFA8

Harmonies

Analogous

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



6981B2



8D78A8



A67094

Triad

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



8D78A8



A17953



328E87

Complementary

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



8D78A8



93A878

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.



528D6E



8D78A8



8B824F

Square

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



8D78A8



AF7163



708959



248D9F

Rectangle

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



8D78A8



AF6E83



708959



3D8E7F

Sweetspot

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



8D78A8



D0C8DB



7893A8



67626E



EDEDED



6E6E6E

Same Dimension

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



8D78A8



B191DB



A578A8



4F4C54



410094



090014

Inverse Universe

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



A87893



DB91BB



7BA878



544C50



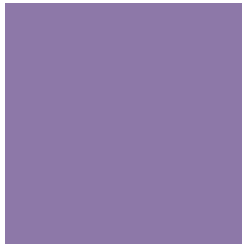
940053



14000B

Previews

White Background



This preview shows how the Hex color 8D78A8 looks on a white background.

Color Contrast Check

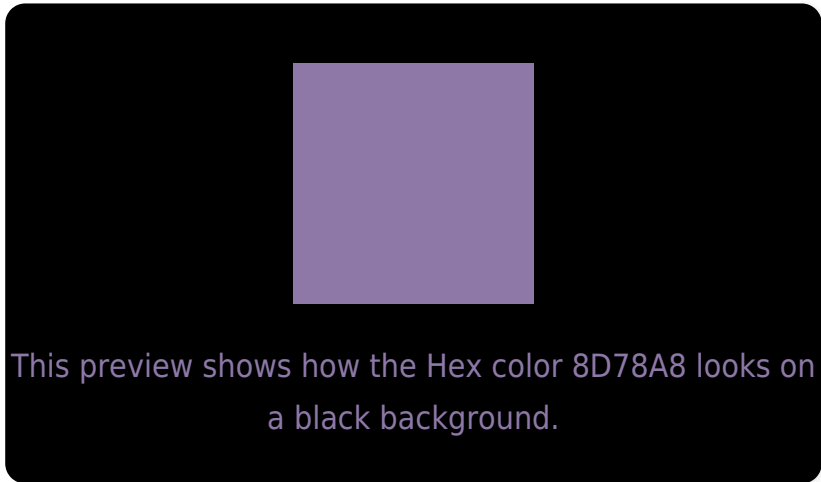
Large Text (above 18pt) WCAG AA ✓ Pass

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

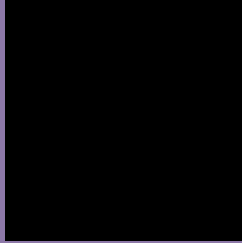
Any Text WCAG AA ✓ Pass

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 8D78A8 Background



This preview shows how black text looks on a background with the Hex color 8D78A8.

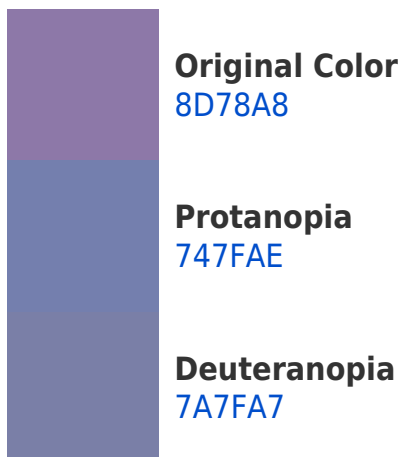


This preview shows how white text looks on a background with the Hex color 8D78A8.

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
8D78A8

Protanomaly
7D7CAC

Deuteranomaly
817CA7

Tritanomaly
8A7C94

Monochromacy



Original Color
8D78A8

Achromatopsia
848484

Achromatomaly
878091

CSS Examples

Text

The CSS property to change the color of the text to Hex 8D78A8 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 #8D78A8 looks like.

```
.text, #text, p{  
    color:#8D78A8  
}
```

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 #8D78A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D78A8
}
```

Border

The CSS property to change the border of an element to Hex 8D78A8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

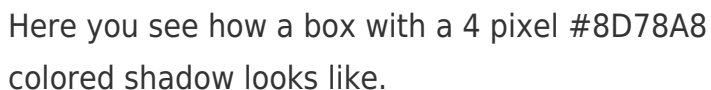
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8D78A8 }
```

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

```
.border{ border-color:#8D78A8 }
```

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



Here you see how a box with a 4 pixel #8D78A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D78A8; -webkit-box-shadow:4px 4px  
4px 4px #8D78A8; box-shadow:4px 4px 4px  
4px #8D78A8 }
```

Background

The CSS property to change the background color of an element to Hex 8D78A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D78A8 }
```

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

```
.background{ background-color:#8D78A8 }
```

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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