

Converting Colors

Hex(8D76A8)

Have a look what the booklet for
Hex(8D76A8) contains.

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Color

Hex(8D76A8)

Conversions

Conversions Part 1

Format	Color
Hex	8D76A8
RGB	141, 118, 168
RGB Percent	55%, 46%, 66%
CMY	0.4471, 0.5373, 0.3412
CMYK	0.16, 0.30, 0.00, 0.34
HSL	268°, 22%, 56%
HSV	268°, 30%, 66%
XYZ	24.5308, 21.4467, 39.8925
YIQ	130.5770, -2.3420, 20.4260

Conversions

Conversions Part 2

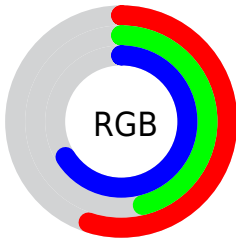
Format	Color
R_{YB}	141, 118, 168
Decimal	9270952
CIE _{Lab}	53.43, 19.05, -23.40
CIE _{LCh}	53, 30.173, 309.160
Yxy	21.4467, 0.2857, 0.2498
Android (android.graphics.Color)	4287461032 (0xFF8D76A8)
YUV	130.5770, 18.4495, 9.1410
Hunter-Lab	46.3106, 13.5082, -18.6557

Details

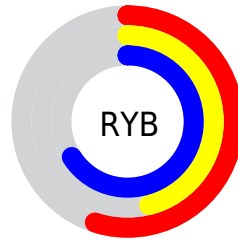
The Hex color **8D76A8** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **91A876**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **C3AADF**, and **5A4574** is the 20% darker color. If you saturate the color by 10%, you get **8465A8**, and if you desaturate by 10%, it is **9687A8**.

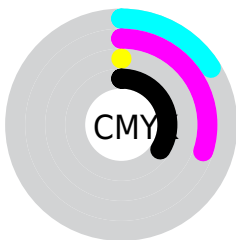
Distribution



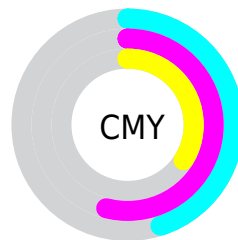
- Red (55%)
- Green (46%)
- Blue (66%)



- Red (55%)
- Yellow (46%)
- Blue (66%)



- Cyan (16%)
- Magenta (30%)
- Yellow (0%)
- Black (34%)



- Cyan (45%)
- Magenta (54%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8D76A8 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 8D76A8 by changing the saturation by 10% instead.

8D76A8

8D76A8

FFFFFF

735D8D

C3AADF

5A4574

DFC6FC

422F5B

FCE2FF

2B1A43

FFFEFF

17012D

000118

000000

8D76A8

8D76A8

8465A8

9687A8

 7B54A8

 9F98A8

 7244A8

 A8A8A8

 6933A8

 B1B9A8

 6022A8

 BACAA8

 5711A8

 C3DBA8

 4D00A8

 CDECA8

 D6FCA8

 DFFFA8

Harmonies

Analogous

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



677FB3



8D76A8



A76E93

Triad

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



8D76A8



A0784F



288E87

Complementary

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



8D76A8



91A876

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.



4D8C6C



8D76A8



89814C

Square

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



8D76A8



AF7060



6D8856



138CA0

Rectangle

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



8D76A8



B06C81



6D8856



358D7E

Sweetspot

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



8D76A8



D1C8DB



7692A8



67626E



EDEDED



6E6E6E

Same Dimension

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



8D76A8



B18CDB



A576A8



504C54



440094



090014

Inverse Universe

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



A87691



DB8CB7



78A876



544C50



940050



14000B

Previews

White Background



This preview shows how the Hex color 8D76A8 looks on a white background.

Color Contrast Check

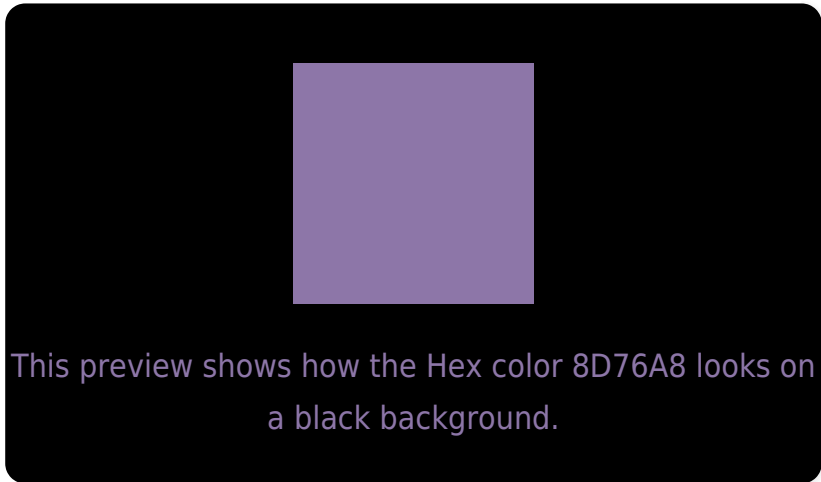
Large Text (above 18pt) WCAG AA ✓ Pass

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

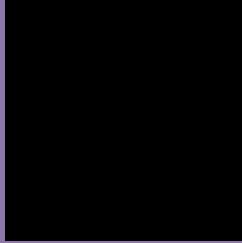
Any Text WCAG AA ✓ Pass

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 8D76A8 Background



This preview shows how black text looks on a background with the Hex color 8D76A8.

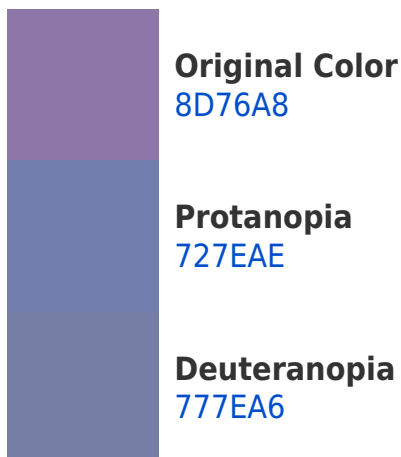


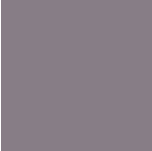
This preview shows how white text looks on a background with the Hex color 8D76A8.

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
877D86

Trichromacy



Original Color
8D76A8

Protanomaly
7C7BAC

Deuteranomaly
7F7BA7

Tritanomaly
897A92

Monochromacy



Original Color
8D76A8

Achromatopsia
838383

Achromatomaly
877E90

CSS Examples

Text

The CSS property to change the color of the text to Hex 8D76A8 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 #8D76A8 looks like.

```
.text, #text, p{  
    color:#8D76A8  
}
```

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 #8D76A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D76A8
}
```

Border

The CSS property to change the border of an element to Hex 8D76A8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

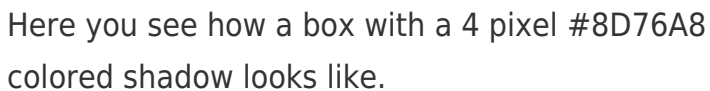
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8D76A8 }
```

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

```
.border{ border-color:#8D76A8 }
```

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



Here you see how a box with a 4 pixel #8D76A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D76A8; -webkit-box-shadow:4px 4px  
4px 4px #8D76A8; box-shadow:4px 4px 4px  
4px #8D76A8 }
```

Background

The CSS property to change the background color of an element to Hex 8D76A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D76A8 }
```

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

```
.background{ background-color:#8D76A8 }
```

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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