

# Converting Colors

Hex(8D77A0)

Have a look what the booklet for  
Hex(8D77A0) contains.

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# Color

**Hex(8D77A0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D77A0
RGB	141, 119, 160
RGB Percent	55%, 47%, 63%
CMY	0.4471, 0.5333, 0.3725
CMYK	0.12, 0.26, 0.00, 0.37
HSL	272°, 18%, 55%
HSV	272°, 26%, 63%
XYZ	23.9265, 21.3944, 36.1262
YIQ	130.2520, -0.0490, 17.4150

# Conversions

## Conversions Part 2

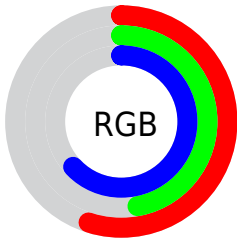
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	141, 119, 160
Decimal	9271200
CIE <sub>Lab</sub>	53.38, 16.66, -18.84
CIE <sub>LCh</sub>	53, 25.150, 311.489
Yxy	21.3944, 0.2938, 0.2627
Android (android.graphics.Color)	4287461280 (0xFF8D77A0)
YUV	130.2520, 14.6658, 9.4260
Hunter-Lab	46.2541, 11.3904, -13.9298

# Details

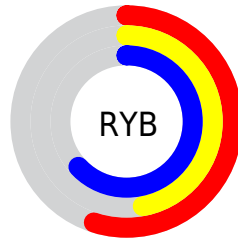
The Hex color **8D77A0** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8AA077**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **C3ABD7**, and **5A466C** is the 20% darker color. If you saturate the color by 10%, you get **8667A0**, and if you desaturate by 10%, it is **9487A0**.

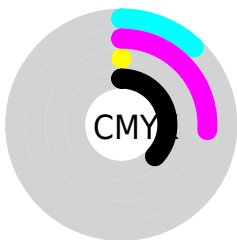
# Distribution



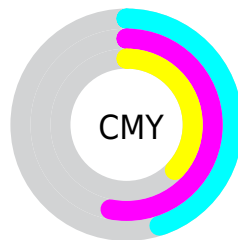
- Red (55%)
- Green (47%)
- Blue (63%)



- Red (55%)
- Yellow (47%)
- Blue (63%)



- Cyan (12%)
- Magenta (26%)
- Yellow (0%)
- Black (37%)



- Cyan (45%)
- Magenta (53%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D77A0 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 8D77A0 by changing the saturation by 10% instead.



8D77A0

8D77A0

FFFFFF

735E86

C3ABD7

5A466C

DFC7F3

423054

FCE3FF

2C1B3D

180127

000111

000000

8D77A0

8D77A0

8667A0

9487A0

7E57A0

9C97A0

7747A0

A3A7A0

6F37A0

ABB7A0

6827A0

B2C7A0

6117A0

B9D7A0

5907A0

C1E7A0

5600A0

C8F7A0

D0FFA0

# Harmonies

## Analogous

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



6F7FAA



8D77A0



A2718E

# Triad

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



8D77A0



9A7A57



3E8B87

# Complementary

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



8D77A0



8AA077

# 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.



558A71



8D77A0



868155

# Square

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



8D77A0



A77364



6E875E



398A9B

# Rectangle

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



8D77A0



A96F7F



6E875E



458B80



# Sweetspot

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



8D77A0



C9C0D1



778AA0



645E69



E8E8E8



696969



# Same Dimension

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



8D77A0



B390D1



A0779F



4B474F



4D008F



08000F



# Inverse Universe

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



A0778A



D190AE



77A078



4F474B



8F0042

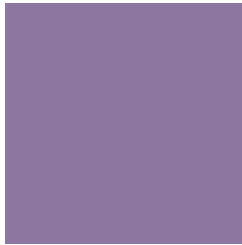


0F0007



# Previews

## White Background



This preview shows how the Hex color 8D77A0 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

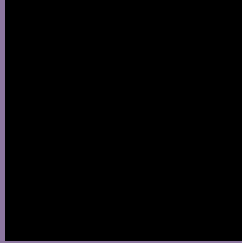
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8D77A0 Background



This preview shows how black text looks on a background with the Hex color 8D77A0.

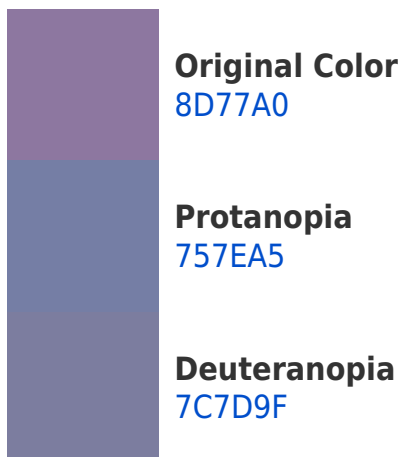



This preview shows how white text looks on a background with the Hex color 8D77A0.

# 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**  
897C86

# Trichromacy



**Original Color**  
8D77A0

**Protanomaly**  
7E7BA3

**Deuteranomaly**  
827B9F

**Tritanomaly**  
8A7A8F

# Monochromacy



**Original Color**  
8D77A0

**Achromatopsia**  
828282

**Achromatomaly**  
867E8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D77A0 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 #8D77A0 looks like.

```
.text, #text, p{  
    color:#8D77A0  
}
```

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 #8D77A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D77A0
}
```

## Border

The CSS property to change the border of an element to Hex 8D77A0 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
#8D77A0 }
```

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

```
.border{ border-color:#8D77A0 }
```

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

Here you see how a box with a 4 pixel #8D77A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D77A0; -webkit-box-shadow:4px 4px  
4px 4px #8D77A0; box-shadow:4px 4px 4px  
4px #8D77A0 }
```

# Background

The CSS property to change the background color of an element to Hex 8D77A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D77A0 }
```

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

```
.background{ background-color:#8D77A0 }
```

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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