

Converting Colors

Hex(8A77B3)

Have a look what the booklet for
Hex(8A77B3) contains.

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Color

Hex(8A77B3)

Conversions

Conversions Part 1

Format	Color
Hex	8A77B3
RGB	138, 119, 179
RGB Percent	54%, 47%, 70%
CMY	0.4588, 0.5333, 0.2980
CMYK	0.23, 0.34, 0.00, 0.30
HSL	259°, 28%, 58%
HSV	259°, 34%, 70%
XYZ	25.2147, 21.8516, 45.5366
YIQ	131.5210, -7.9360, 22.6880

Conversions

Conversions Part 2

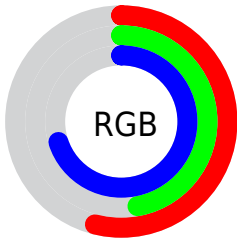
Format	Color
R_{YB}	138, 119, 179
Decimal	9074611
CIE _{Lab}	53.87, 20.11, -29.10
CIE _{LCh}	54, 35.375, 304.651
Yxy	21.8516, 0.2723, 0.2360
Android (android.graphics.Color)	4287264691 (0xFF8A77B3)
YUV	131.5210, 23.4071, 5.6821
Hunter-Lab	46.7457, 14.4784, -25.0345

Details

The Hex color **8A77B3** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A0B377**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **C0ABEB**, and **57467E** is the 20% darker color. If you saturate the color by 10%, you get **7E65B3**, and if you desaturate by 10%, it is **9689B3**.

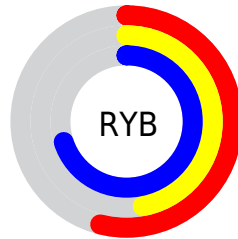
Distribution



Red (54%)

Green (47%)

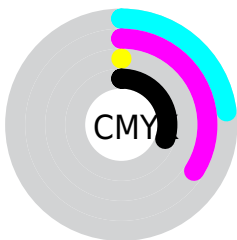
Blue (70%)



Red (54%)

Yellow (47%)

Blue (70%)

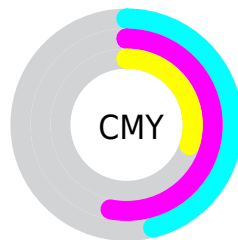


Cyan (23%)

Magenta (34%)

Yellow (0%)

Black (30%)



Cyan (46%)

Magenta (53%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A77B3 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 8A77B3 by changing the saturation by 10% instead.

■ 8A77B3

■ 8A77B3

FFFFFF

■ 705E98

■ C0ABEB

■ 57467E

■ DDC7FF

■ 3E3065

■ F9E3FF

■ 261B4D

■ 100235

■ 000220

■ 000003

■ 000000

■ 8A77B3

■ 8A77B3

7E65B3

9689B3

7253B3

A29BB3

6541B3

AFADB3

592FB3

BBBFB3

4D1EB3

C7D1B3

410CB3

D3E2B3

3900B3

E0F4B3

ECFFB3

F8FFB3

Harmonies

Analogous

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



5982BD



8A77B3



AB6D9B

Triad

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



8A77B3



A9764A



009185

Complementary

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



8A77B3



A0B377

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.



488F66



8A77B3



8F8143

Square

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



8A77B3



B96C60



6F894D



0090A2

Rectangle

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



8A77B3



B76988



6F894D



25907A

Sweetspot

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



8A77B3



D8D1E8



77A0B3



6C6775



F5F5F5



757575

Same Dimension

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



8A77B3



A98BE8



A877B3



535059



300099



08001A

Inverse Universe

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



B377A0



E88BCB



82B377



595056



990069



1A0011

Previews

White Background



This preview shows how the Hex color 8A77B3 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

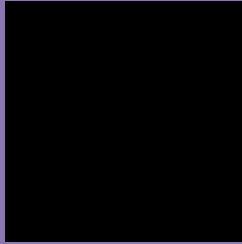
Any Text WCAG AA ✓ Pass

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 8A77B3 Background



This preview shows how black text looks on a background with the Hex color 8A77B3.

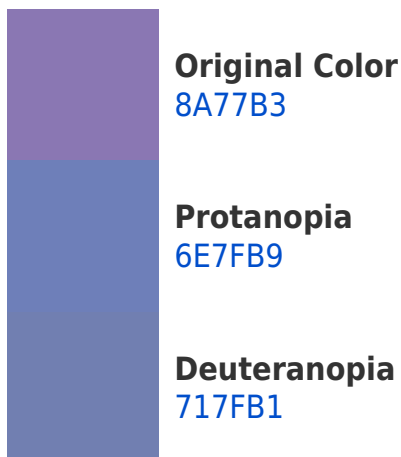


This preview shows how white text looks on a background with the Hex color 8A77B3.

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](#).

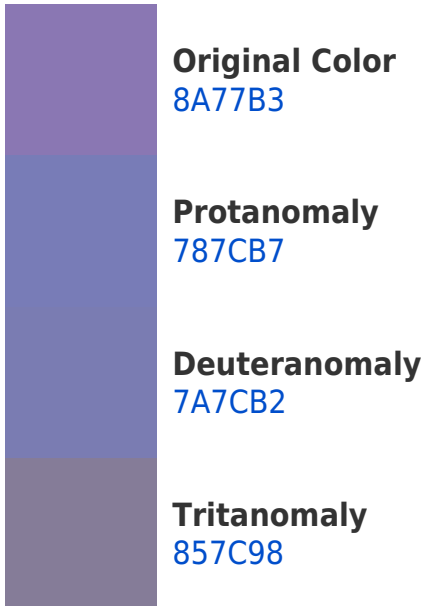
Dichromacy



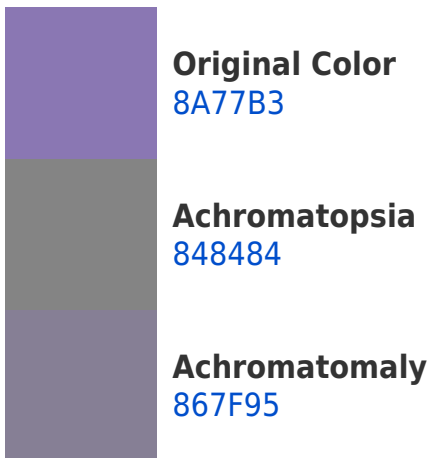


Tritanopia
827F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8A77B3 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 #8A77B3 looks like.

```
.text, #text, p{  
    color:#8A77B3  
}
```

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 #8A77B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A77B3
}
```

Border

The CSS property to change the border of an element to Hex 8A77B3 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
#8A77B3 }
```

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

```
.border{ border-color:#8A77B3 }
```

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

Here you see how a box with a 4 pixel #8A77B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A77B3; -webkit-box-shadow:4px 4px  
4px 4px #8A77B3; box-shadow:4px 4px 4px  
4px #8A77B3 }
```

Background

The CSS property to change the background color of an element to Hex 8A77B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A77B3 }
```

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

```
.background{ background-color:#8A77B3 }
```

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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