

# Converting Colors

Hex(8162A7)

Have a look what the booklet for  
Hex(8162A7) contains.

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# Color

**Hex(8162A7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8162A7
RGB	129, 98, 167
RGB Percent	51%, 38%, 65%
CMY	0.4941, 0.6157, 0.3451
CMYK	0.23, 0.41, 0.00, 0.35
HSL	267°, 28%, 52%
HSV	267°, 41%, 65%
XYZ	20.3960, 16.1925, 38.6097
YIQ	115.1350, -3.6730, 28.0310

# Conversions

## Conversions Part 2

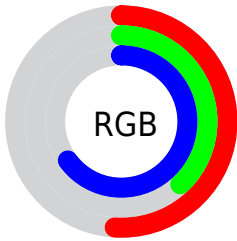
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 98, 167
Decimal	8479399
CIE <sub>Lab</sub>	47.23, 26.82, -32.55
CIE <sub>LCh</sub>	47, 42.175, 309.486
Yxy	16.1925, 0.2712, 0.2153
Android (android.graphics.Color)	4286669479 (0xFF8162A7)
YUV	115.1350, 25.5694, 12.1596
Hunter-Lab	40.2399, 20.0546, -28.7201

# Details

The Hex color **8162A7** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **88A762**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **B795DE**, and **4E3373** is the 20% darker color. If you saturate the color by 10%, you get **7851A7**, and if you desaturate by 10%, it is **8A73A7**.

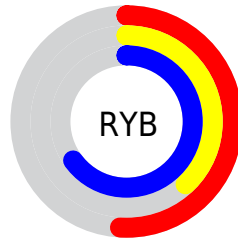
# Distribution



Red (51%)

Green (38%)

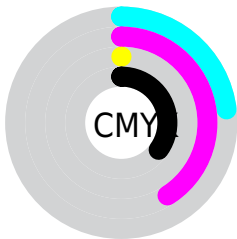
Blue (65%)



Red (51%)

Yellow (38%)

Blue (65%)

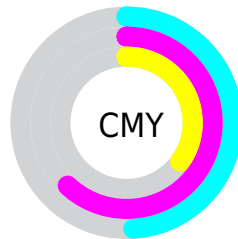


Cyan (23%)

Magenta (41%)

Yellow (0%)

Black (35%)



Cyan (49%)

Magenta (62%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8162A7 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 8162A7 by changing the saturation by 10% instead.



8162A7

8162A7

FFFFFF

674A8C

B795DE

4E3373

D3B0FB

351D5A

F0CCFF

1D0742

FFE8FF

01002B

000116

000000

8162A7

8162A7

7851A7

8A73A7

6F41A7

9383A7

6530A7

9D94A7

5C1FA7

A6A5A7

530EA7

AFB5A7

4B00A7

B8C6A7

C1D7A7

CBE8A7

D4F8A7

# Harmonies

## Analogous

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



4470B6



8162A7



A4558A

# Triad

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



8162A7



98652C



00827B

# Complementary

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



8162A7



88A762

# 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.



128056



8162A7



797226

# Square

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



8162A7



AC5845



537B37



00809C

# Rectangle

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



8162A7



AF5172



537B37



00816E



# Sweetspot

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



8162A7



CABFD9



6289A7



655E6E



EDEDED



6E6E6E



# Same Dimension

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



8162A7



9D6CD9



A262A7



504C54



420094



090014



# Inverse Universe

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



A76288



D96CA8



67A762



544C50



940051

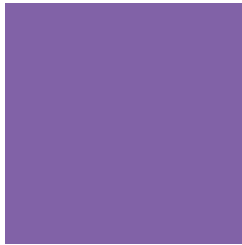


14000B



# Previews

## White Background



This preview shows how the Hex color 8162A7 looks on a white background.

## Color Contrast Check

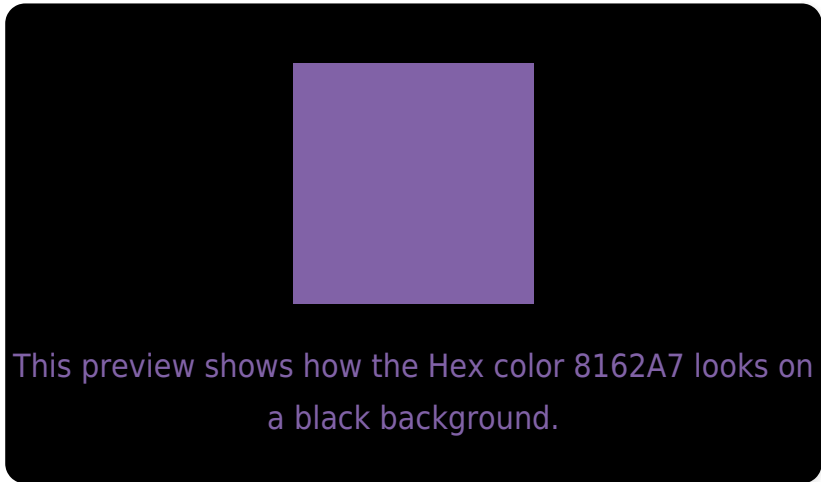
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

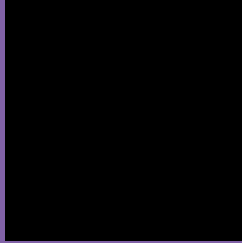
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8162A7 Background



This preview shows how black text looks on a background with the Hex color 8162A7.

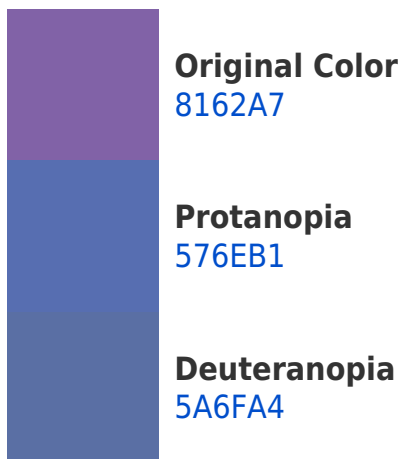



This preview shows how white text looks on a background with the Hex color 8162A7.

# 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](#).

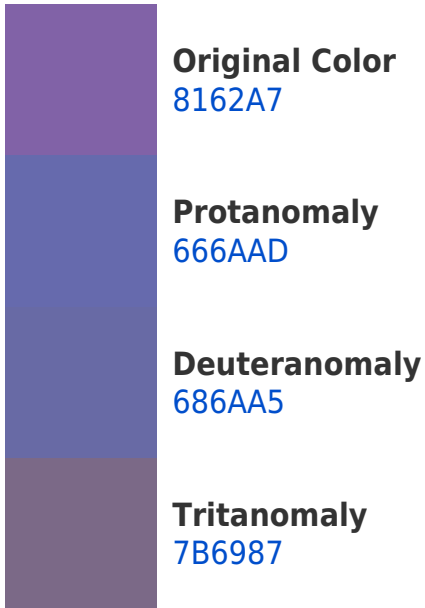
## Dichromacy



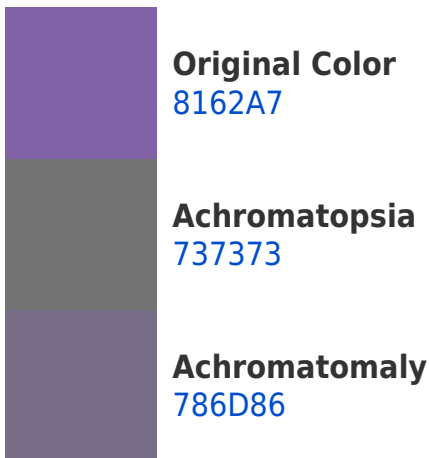


**Tritanopia**  
786D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8162A7 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 #8162A7 looks like.

```
.text, #text, p{  
    color:#8162A7  
}
```

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 #8162A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8162A7
}
```

## Border

The CSS property to change the border of an element to Hex 8162A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

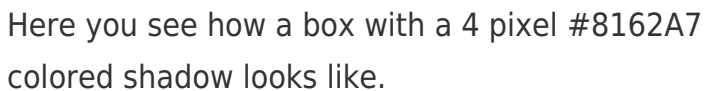
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8162A7 }
```

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

```
.border{ border-color:#8162A7 }
```

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



Here you see how a box with a 4 pixel #8162A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8162A7; -webkit-box-shadow:4px 4px  
4px 4px #8162A7; box-shadow:4px 4px 4px  
4px #8162A7 }
```

# Background

The CSS property to change the background color of an element to Hex 8162A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8162A7 }
```

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

```
.background{ background-color:#8162A7 }
```

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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