

# Converting Colors

Hex(A81B8C)

Have a look what the booklet for  
Hex(A81B8C) contains.

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# Color

**Hex(A81B8C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A81B8C
RGB	168, 27, 140
RGB Percent	66%, 11%, 55%
CMY	0.3412, 0.8941, 0.4510
CMYK	0.00, 0.84, 0.17, 0.34
HSL	312°, 72%, 38%
HSV	312°, 84%, 66%
XYZ	21.2740, 11.0021, 25.8133
YIQ	82.0410, 47.7630, 65.0350

# Conversions

## Conversions Part 2

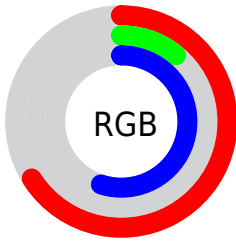
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 27, 140
Decimal	11017100
CIE <sub>Lab</sub>	39.58, 63.99, -27.95
CIE <sub>LCh</sub>	40, 69.830, 336.408
Yxy	11.0021, 0.3662, 0.1894
Android (android.graphics.Color)	4289207180 (0xFFA81B8C)
YUV	82.0410, 28.5738, 75.3860
Hunter-Lab	33.1695, 56.4385, -22.9223

# Details

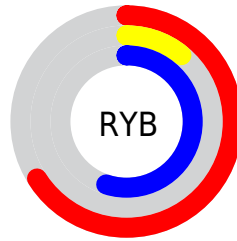
The Hex color **A81B8C** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **1BA837**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **E35BC2**, and **6F0059** is the 20% darker color. If you saturate the color by 10%, you get **A80A89**, and if you desaturate by 10%, it is **A82C8F**.

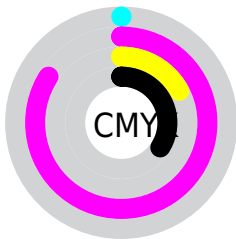
# Distribution



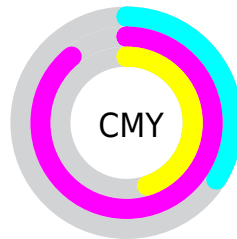
- Red (66%)
- Green (11%)
- Blue (55%)



- Red (66%)
- Yellow (11%)
- Blue (55%)



- Cyan (0%)
- Magenta (84%)
- Yellow (17%)
- Black (34%)



- Cyan (34%)
- Magenta (89%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A81B8C 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 A81B8C by changing the saturation by 10% instead.



 A81B8C

 A81B8C

FFFFFF

 8B0072

 E35BC2

 6F0059

 FF78DE

 540042

 FF94FB

 3B002B

 FFB0FF


 1C0015

 FFCDFE

 000000

 FFE8FF

 A81B8C

 A81B8C

 A80A89

 A82C8F

 A80087

 A83D93

 A84D96

 A85E99

 A86F9D

 A880A0

 A891A3

 A8A1A7

 A8B2AA

# Harmonies

## Analogous

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



6847BA



A81B8C



BD0054

# Triad

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



A81B8C



685F00



0074A0

# Complementary

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



A81B8C



1BA837

# 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.



007568



A81B8C



256C00

# Square

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



A81B8C



954800



00722C



006FC7

# Rectangle

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



A81B8C



BA0F2F



00722C



00758F



# Sweetspot

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



A81B8C



DBA4D0



351BA8



6E4D67



EDEDED



6E6E6E



# Same Dimension

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



A81B8C



DB00B0



A81B48



544C52



940077



140010



# Inverse Universe

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



A81B8C



DB00B0



1BA87B



544C52



940077



140010



# Previews

## White Background



This preview shows how the Hex color A81B8C looks on a white background.

## Color Contrast Check

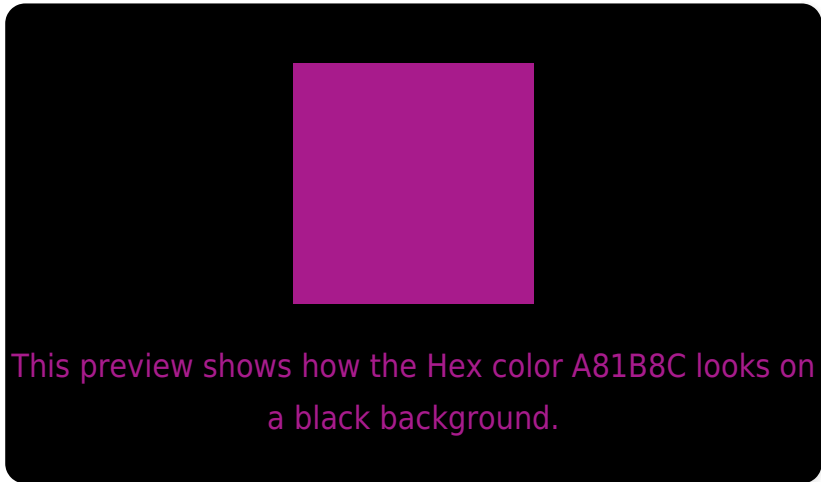
Large Text (above 18pt) WCAG AA ✓ Pass

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

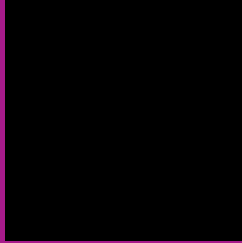
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A81B8C Background



This preview shows how black text looks on a background with the Hex color A81B8C.

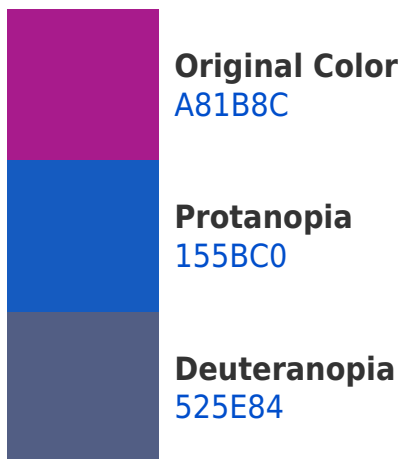


This preview shows how white text looks on a background with the Hex color A81B8C.

# 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**  
A13B3F

# Trichromacy



**Original Color**  
A81B8C



**Protanomaly**  
4A44AD



**Deuteranomaly**  
714687



**Tritanomaly**  
A42F5B

# Monochromacy



**Original Color**  
A81B8C



**Achromatopsia**  
525252



**Achromatomaly**  
713E67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A81B8C 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 #A81B8C looks like.

```
.text, #text, p{  
    color:#A81B8C  
}
```

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 #A81B8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A81B8C
}
```

## Border

The CSS property to change the border of an element to Hex A81B8C 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
#A81B8C }
```

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

```
.border{ border-color:#A81B8C }
```

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

Here you see how a box with a 4 pixel #A81B8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A81B8C; -webkit-box-shadow:4px 4px  
4px 4px #A81B8C; box-shadow:4px 4px 4px  
4px #A81B8C }
```

# Background

The CSS property to change the background color of an element to Hex A81B8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A81B8C }
```

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

```
.background{ background-color:#A81B8C }
```

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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