

# Converting Colors

Hex(A183BA)

Have a look what the booklet for  
Hex(A183BA) contains.

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# **Color**

**Hex(A183BA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A183BA
RGB	161, 131, 186
RGB Percent	63%, 51%, 73%
CMY	0.3686, 0.4863, 0.2706
CMYK	0.13, 0.30, 0.00, 0.27
HSL	273°, 28%, 62%
HSV	273°, 30%, 73%
XYZ	31.6772, 27.3548, 50.0648
YIQ	146.2400, 0.2250, 23.4650

# Conversions

## Conversions Part 2

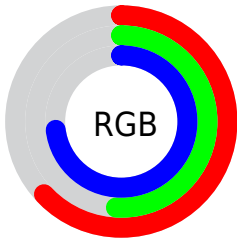
Format	Color
<a href="#">RYB</a>	<a href="#">161, 131, 186</a>
Decimal	<a href="#">10585018</a>
CIELab	<a href="#">59.30, 22.09, -24.54</a>
CIElCh	<a href="#">59, 33.014, 311.992</a>
Yxy	<a href="#">27.3548, 0.2904, 0.2507</a>
Android (android.graphics.Color)	<a href="#">4288775098 (0xFFA183BA)</a>
YUV	<a href="#">146.2400, 19.6017, 12.9445</a>
Hunter-Lab	<a href="#">52.3019, 16.5822, -20.1428</a>

# Details

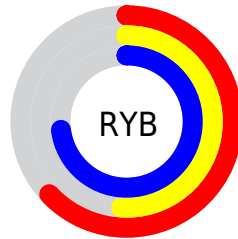
The Hex color **A183BA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **9CBA83**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **D8B8F2**, and **6D5185** is the 20% darker color. If you saturate the color by 10%, you get **9970BA**, and if you desaturate by 10%, it is **A996BA**.

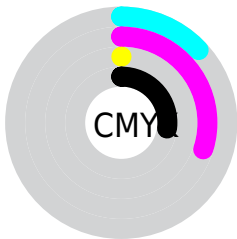
# Distribution



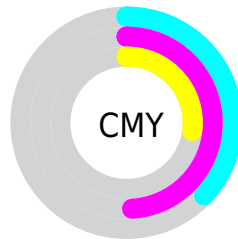
- Red (63%)
- Green (51%)
- Blue (73%)



- Red (63%)
- Yellow (51%)
- Blue (73%)



- Cyan (13%)
- Magenta (30%)
- Yellow (0%)
- Black (27%)



- Cyan (37%)
- Magenta (49%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A183BA 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 A183BA by changing the saturation by 10% instead.



 A183BA

 A183BA

FFFFFF

 866A9F

 D8B8F2

 6D5185

 F5D4FF

 543A6B

 FFF0FF

 3C2453

 250F3B

 120026

 00010E

 000000

 A183BA

 A183BA

9970BA

A996BA

905EBA

B2A8BA

884BBA

BABBBBA

7F39BA

C3CDBA

7726BA

CBE0BA

6E13BA

D4F3BA

6601BA

DCFFBA

6500BA

E5FFBA

EDFFBA

# Harmonies

## Analogous

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



788EC7



A183BA



BC7AA1

# Triad

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



A183BA



B18758



289E9A

# Complementary

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



A183BA



9CBA83

# 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.



529D7C



A183BA



969155

# Square

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



A183BA



C37D69



769863



149CB5

# Rectangle

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



A183BA



C5788E



769863



379E90



# Sweetspot

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



A183BA



E8DCF2



839DBA



746D7A



FAFAFA



7A7A7A



# Same Dimension

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



A183BA



CC9DF2



BA83B8



58535C



55009C



0F001C



# Inverse Universe

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



BA839C



F29DC4



83BA85



5C5357



9C0047

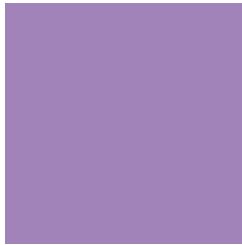


1C000D



# Previews

## White Background



This preview shows how the Hex color A183BA looks on a white background.

## Color Contrast Check

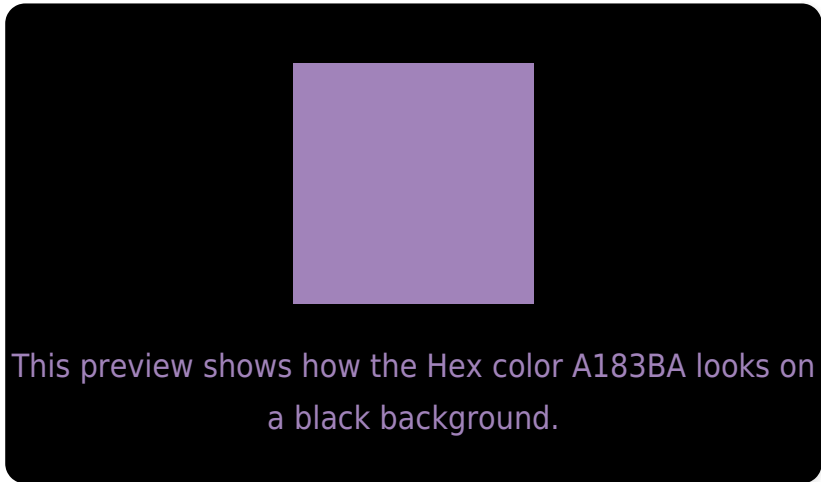
Large Text (above 18pt) WCAG AA ✓ Pass

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

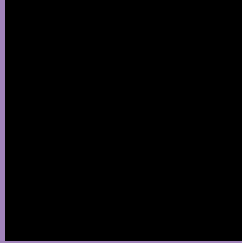
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A183BA Background



This preview shows how black text looks on a background with the Hex color A183BA.

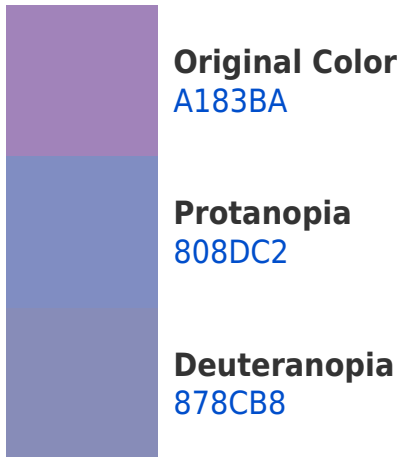



This preview shows how white text looks on a background with the Hex color A183BA.

# 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](#).

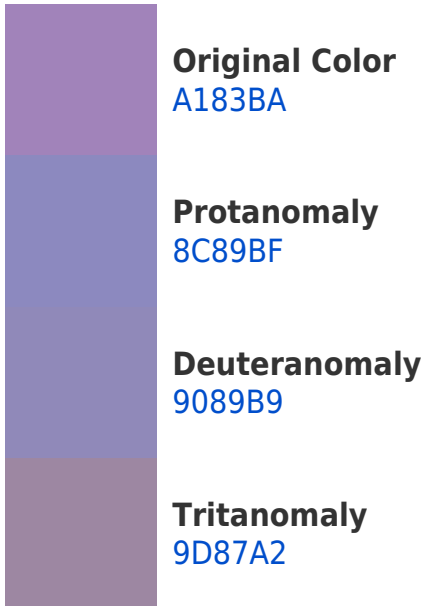
## Dichromacy



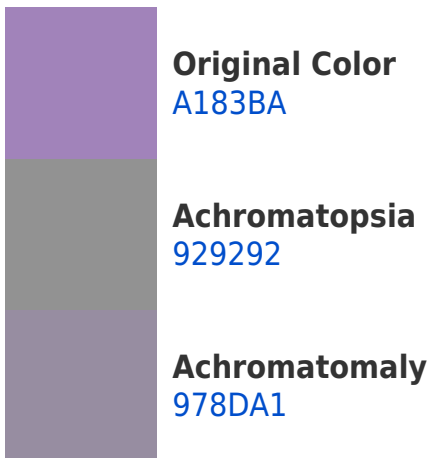


**Tritanopia**  
9B8A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A183BA 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 #A183BA looks like.

```
.text, #text, p{  
    color:#A183BA  
}
```

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 #A183BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A183BA
}
```

## Border

The CSS property to change the border of an element to Hex A183BA is called "border". The border property can be set on classes, ids or directly on the HTML element.

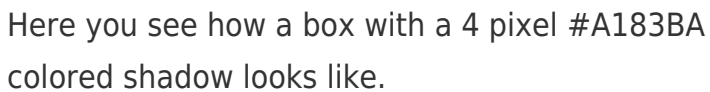
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A183BA }
```

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

```
.border{ border-color:#A183BA }
```

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



Here you see how a box with a 4 pixel #A183BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A183BA; -webkit-box-shadow:4px 4px  
4px 4px #A183BA; box-shadow:4px 4px 4px  
4px #A183BA }
```

# Background

The CSS property to change the background color of an element to Hex A183BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A183BA }
```

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

```
.background{ background-color:#A183BA }
```

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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