

# Converting Colors

Hex(A180AF)

Have a look what the booklet for  
Hex(A180AF) contains.

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# **Color**

**Hex(A180AF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A180AF
RGB	161, 128, 175
RGB Percent	63%, 50%, 69%
CMY	0.3686, 0.4980, 0.3137
CMYK	0.08, 0.27, 0.00, 0.31
HSL	282°, 23%, 59%
HSV	282°, 27%, 69%
XYZ	30.1550, 26.1106, 44.0079
YIQ	143.2250, 4.5810, 21.6130

# Conversions

## Conversions Part 2

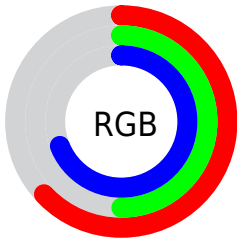
<b>Format</b>	<b>Color</b>
<b>RYB</b>	161, 128, 175
Decimal	10584239
CIELab	58.14, 21.44, -20.04
CIElCh	58, 29.349, 316.932
Yxy	26.1106, 0.3007, 0.2604
Android (android.graphics.Color)	4288774319 (0xFFA180AF)
YUV	143.2250, 15.6651, 15.5887
Hunter-Lab	51.0985, 15.9166, -15.2938

# Details

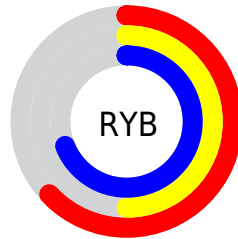
The Hex color **A180AF** is a light color, and the websafe version is hex **996699**. A complement of this color would be **8EAF80**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **D8B5E7**, and **6D4E7A** is the 20% darker color. If you saturate the color by 10%, you get **9C6FAF**, and if you desaturate by 10%, it is **A692AF**.

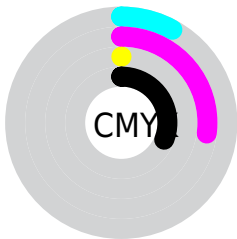
# Distribution



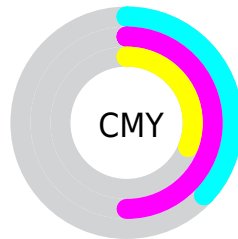
- Red (63%)
- Green (50%)
- Blue (69%)



- Red (63%)
- Yellow (50%)
- Blue (69%)



- Cyan (8%)
- Magenta (27%)
- Yellow (0%)
- Black (31%)



- Cyan (37%)
- Magenta (50%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A180AF 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 A180AF by changing the saturation by 10% instead.



 A180AF

 A180AF

FFFFFF

 876794

 D8B5E7

 6D4E7A

 F5D1FF

 543761

 FFEDFF

 3C2149

 250C33

 0F001E

 000000

 A180AF

 A180AF

 9C6FAF

 A692AF

975DAF

ABA3AF

914BAF

B1B4AF

8C3AAF

B6C6AF

8729AF

BBD7AF

8217AF

C0E9AF

7D05AF

C5FBAF

7B00AF

CBFFAF

D0FFAF

# Harmonies

## Analogous

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



7F89BD



A180AF



B77998

# Triad

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



A180AF



A7865A



369A9A

# Complementary

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



A180AF



8EAF80

# 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.



52997F



A180AF



8F8F5A

# Square

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



A180AF



B87E67



719568



3597B0

# Rectangle

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



A180AF



BE7887



719568



3E9A91



# Sweetspot

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



A180AF



DED1E3



808EAF



6F6773



F2F2F2



737373



# Same Dimension

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



A180AF



CD9AE3



AF80A6



544E57



6A0096



100017



# Inverse Universe

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



AF808E



E39AB0



80AF89



574E51



96002D

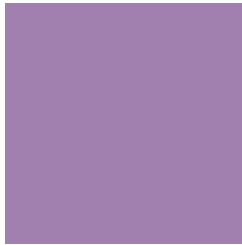


170007



# Previews

## White Background



This preview shows how the Hex color A180AF looks on a white background.

## Color Contrast Check

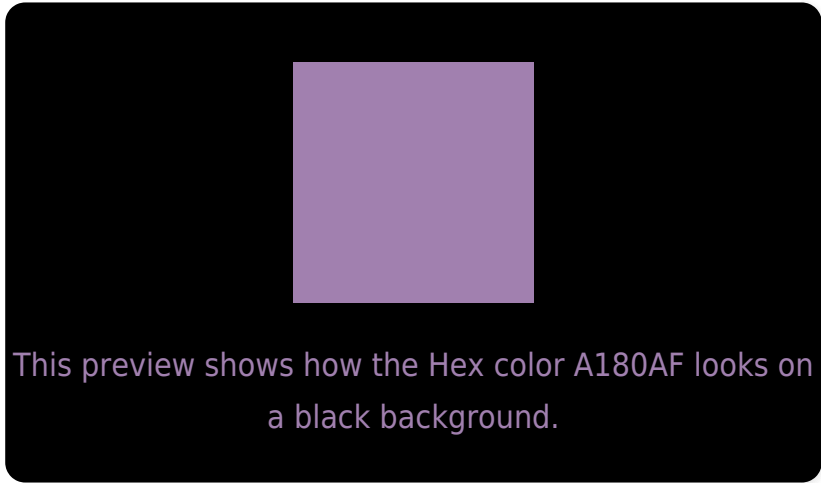
Large Text (above 18pt) WCAG AA ✓ Pass

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

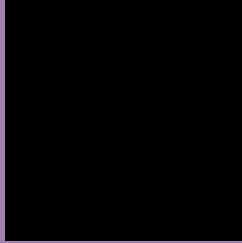
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A180AF Background



This preview shows how black text looks on a background with the Hex color A180AF.

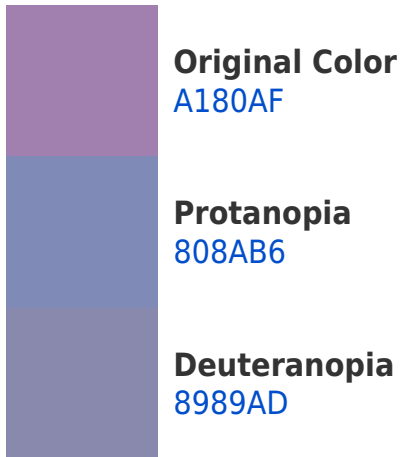


This preview shows how white text looks on a background with the Hex color A180AF.

# 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](#).

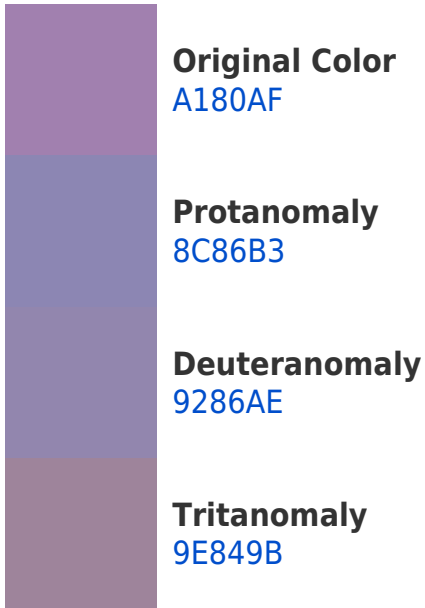
## Dichromacy



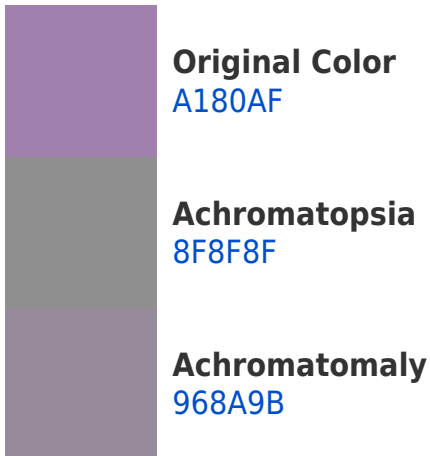


**Tritanopia**  
9C8690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A180AF 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 #A180AF looks like.

```
.text, #text, p{  
    color:#A180AF  
}
```

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 #A180AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A180AF
}
```

## Border

The CSS property to change the border of an element to Hex A180AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

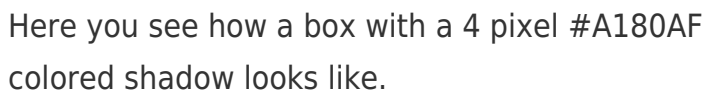
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A180AF }
```

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

```
.border{ border-color:#A180AF }
```

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



Here you see how a box with a 4 pixel #A180AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A180AF; -webkit-box-shadow:4px 4px  
4px 4px #A180AF; box-shadow:4px 4px 4px  
4px #A180AF }
```

# Background

The CSS property to change the background color of an element to Hex A180AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A180AF }
```

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

```
.background{ background-color:#A180AF }
```

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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