

# Converting Colors

Hex(A175AF)

Have a look what the booklet for  
Hex(A175AF) contains.

<b>Hex(A175AF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(A175AF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A175AF
RGB	161, 117, 175
RGB Percent	63%, 46%, 69%
CMY	0.3686, 0.5412, 0.3137
CMYK	0.08, 0.33, 0.00, 0.31
HSL	286°, 27%, 57%
HSV	286°, 33%, 69%
XYZ	28.7971, 23.3948, 43.5553
YIQ	136.7680, 7.6060, 27.3660

# Conversions

## Conversions Part 2

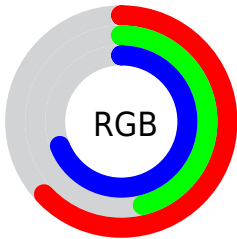
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 117, 175
Decimal	10581423
CIE <sub>Lab</sub>	55.48, 27.73, -24.13
CIE <sub>LCh</sub>	55, 36.758, 318.974
Yxy	23.3948, 0.3008, 0.2443
Android (android.graphics.Color)	4288771503 (0xFFA175AF)
YUV	136.7680, 18.8484, 21.2515
Hunter-Lab	48.3682, 21.6298, -19.5327

# Details

The Hex color **A175AF** is a light color, and the websafe version is hex **996699**. A complement of this color would be **83AF75**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **D8AAE7**, and **6C447A** is the 20% darker color. If you saturate the color by 10%, you get **9D63AF**, and if you desaturate by 10%, it is **A587AF**.

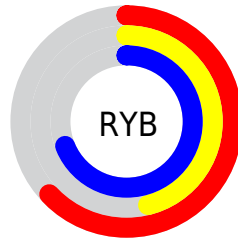
# Distribution



Red (63%)

Green (46%)

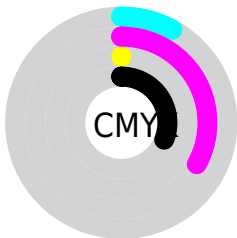
Blue (69%)



Red (63%)

Yellow (46%)

Blue (69%)

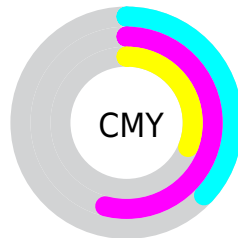


Cyan (8%)

Magenta (33%)

Yellow (0%)

Black (31%)



Cyan (37%)

Magenta (54%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A175AF 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 A175AF by changing the saturation by 10% instead.





A175AF



A175AF

FFFFFF



865C94



D8AAE7



6C447A



F5C5FF



532D61



FFE1FF



3B1649

FFFEFF



240032



03001D



000000



A175AF



A175AF



9D63AF



A587AF

9952AF

A998AF

9441AF

AEAAAF

902FAF

B2BBAF

8C1EAF

B6CDAF

880CAF

BADEAF

8500AF

BFF0AF

C3FFAF

C7FFAF

# Harmonies

## Analogous

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



7681C1



A175AF



BB6C92

# Triad

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



A175AF



A37F46



009599

# Complementary

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



A175AF



83AF75

# 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.



309578



A175AF



858947

# Square

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



A175AF



B97456



60915A



0092B4

# Rectangle

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



A175AF



C26B7C



60915A



00968E



# Sweetspot

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



A175AF



DDCCE3



7584AF



6F6573



F2F2F2



737373



# Same Dimension

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



A175AF



CD88E3



AF75A1



554E57



720096



110017



# Inverse Universe

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



AF7583



E3889E



75AF84



574E50



960024

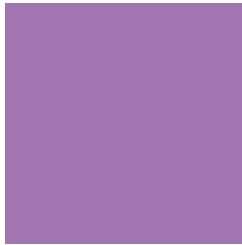


170006



# Previews

## White Background



This preview shows how the Hex color A175AF looks on a white background.

## Color Contrast Check

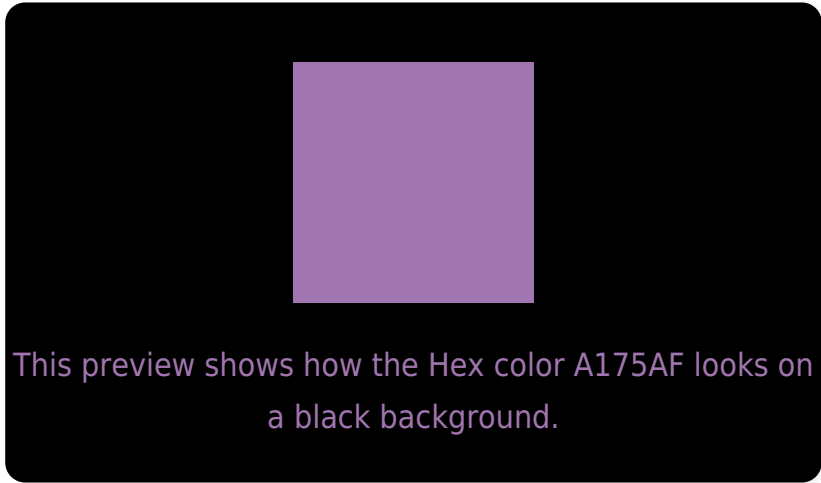
Large Text (above 18pt) WCAG AA ✓ Pass

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

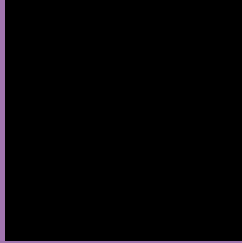
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A175AF Background



This preview shows how black text looks on a background with the Hex color A175AF.

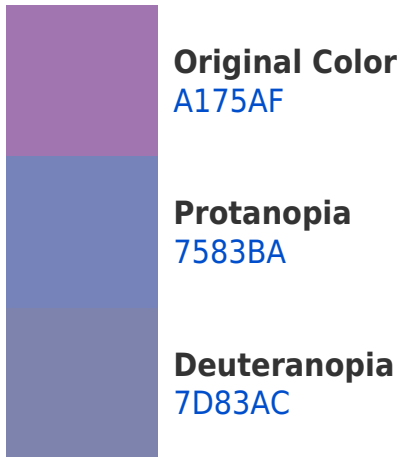



This preview shows how white text looks on a background with the Hex color A175AF.

# 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](#).

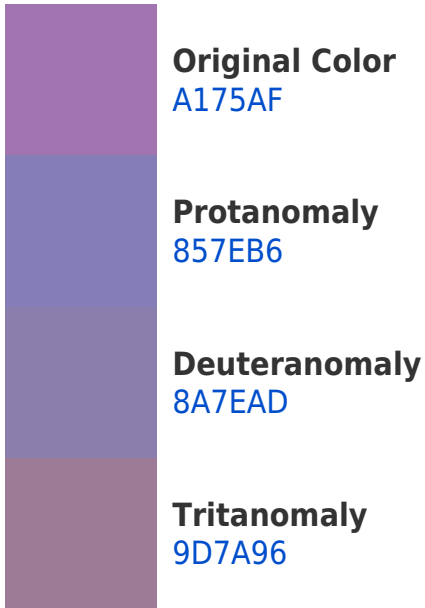
## Dichromacy



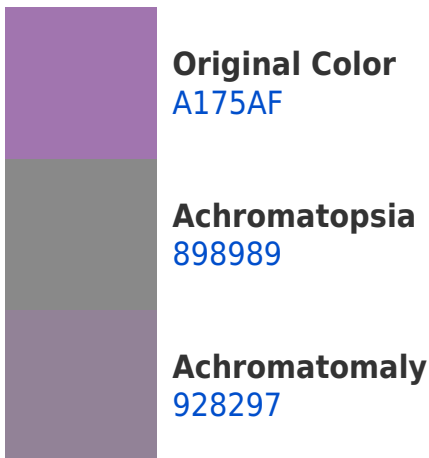


**Tritanopia**  
9B7D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A175AF 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 #A175AF looks like.

```
.text, #text, p{  
    color:#A175AF  
}
```

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 #A175AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A175AF
}
```

## Border

The CSS property to change the border of an element to Hex A175AF 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
#A175AF }
```

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

```
.border{ border-color:#A175AF }
```

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

Here you see how a box with a 4 pixel #A175AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A175AF; -webkit-box-shadow:4px 4px  
4px 4px #A175AF; box-shadow:4px 4px 4px  
4px #A175AF }
```

# Background

The CSS property to change the background color of an element to Hex A175AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A175AF }
```

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

```
.background{ background-color:#A175AF }
```

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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