

# Converting Colors

Hex(A617A6)

Have a look what the booklet for  
Hex(A617A6) contains.

|  |    |
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**Color**

**Hex(A617A6)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | A617A6                    |
| RGB           | 166, 23, 166              |
| RGB Percent   | 65%, 9%, 65%              |
| CMY           | 0.3490, 0.9098, 0.3490    |
| CMYK          | 0.00, 0.86, 0.00, 0.35    |
| HSL           | 300°, 76%, 37%            |
| HSV           | 300°, 86%, 65%            |
| XYZ           | 22.9152, 11.4730, 37.0831 |
| YIQ           | 82.0590, 39.3250, 74.7890 |

# Conversions

## Conversions Part 2

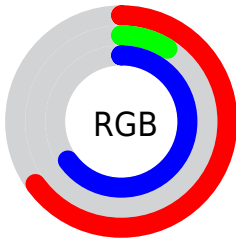
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 166, 23, 166                  |
| Decimal                             | 10885030                      |
| CIELab                              | 40.37, 68.24, -42.49          |
| CIELCh                              | 40, 80.384, 328.092           |
| Yxy                                 | 11.4730, 0.3206,<br>0.1605    |
| Android<br>(android.graphics.Color) | 4289075110<br>(0xFFA617A6)    |
| YUV                                 | 82.0590, 41.3829,<br>73.6163  |
| Hunter-Lab                          | 33.8718, 61.4848,<br>-41.2010 |

# Details

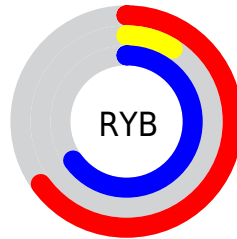
The Hex color **A617A6** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **17A617**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **E15ADE**, and **6D0071** is the 20% darker color. If you saturate the color by 10%, you get **A606A6**, and if you desaturate by 10%, it is **A628A6**.

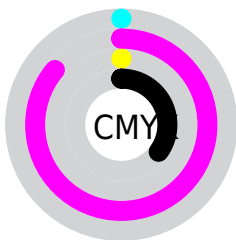
# Distribution



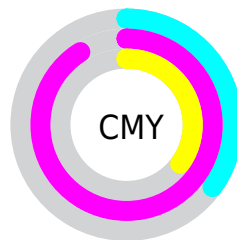
- Red (65%)
- Green (9%)
- Blue (65%)



- Red (65%)
- Yellow (9%)
- Blue (65%)



- Cyan (0%)
- Magenta (86%)
- Yellow (0%)
- Black (35%)



- Cyan (35%)
- Magenta (91%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A617A6 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 A617A6 by changing the saturation by 10% instead.



 A617A6

 A617A6

FFFFFF

 89008B

 E15ADE

 6D0071

 FF77FB

 520058

 FF93FF

 390040

 FFB0FF

 1B0029

 FFCDFE

 000113

 FFE8FF

 000000

 A617A6

 A617A6

 A606A6

 A628A6

 A600A6

 A638A6

 A649A6

 A659A6

 A66AA6

 A67BA6

 A68BA6

 A69CA6

 A6ACA6

# Harmonies

## Analogous

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



3D4FD6



A617A6



CA0066

# Triad

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



A617A6



785C00



00799C

# Complementary

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



A617A6



17A617

# 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.



007859



A617A6



366D00

# Square

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



A617A6



A93B00



007508



0076D0

# Rectangle

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



A617A6



CC003C



007508



007987



# Sweetspot

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



A617A6



D9A0D9



1717A6



6E4C6E



EDEDED



6E6E6E



# Same Dimension

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



A617A6



D900D9



A6175E



544C54



940094



140014



# Inverse Universe

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



A617A6



D900D9



17A65E



544C54



940094



140014



# Previews

## White Background



This preview shows how the Hex color A617A6 looks on a white background.

## Color Contrast Check

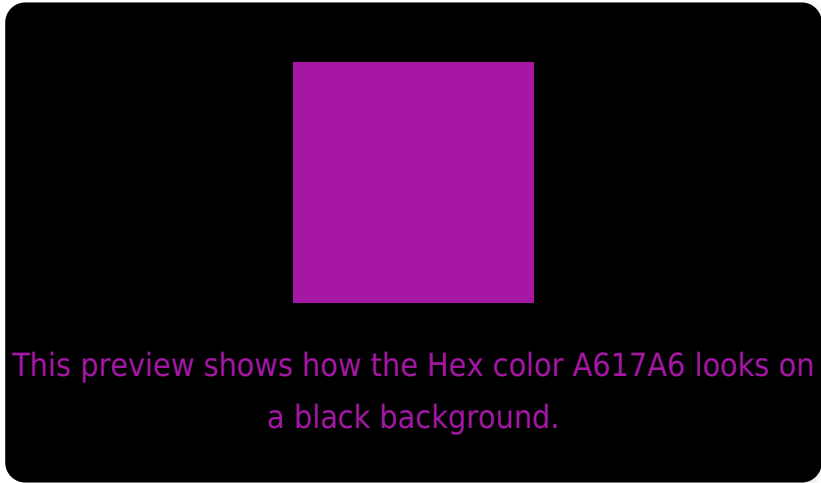
Large Text (above 18pt) WCAG AA ✓ Pass

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

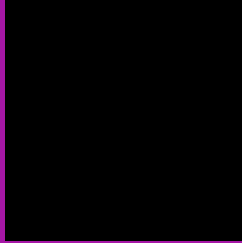
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A617A6 Background



This preview shows how black text looks on a background with the Hex color A617A6.

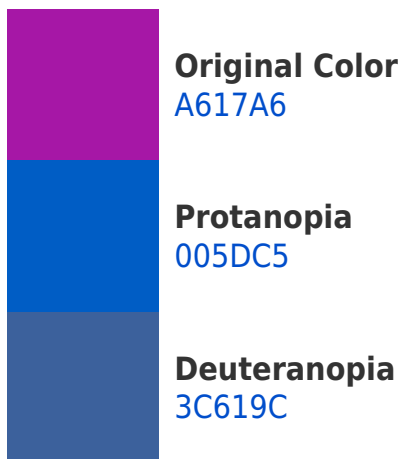


This preview shows how white text looks on a background with the Hex color A617A6.

# 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](#).

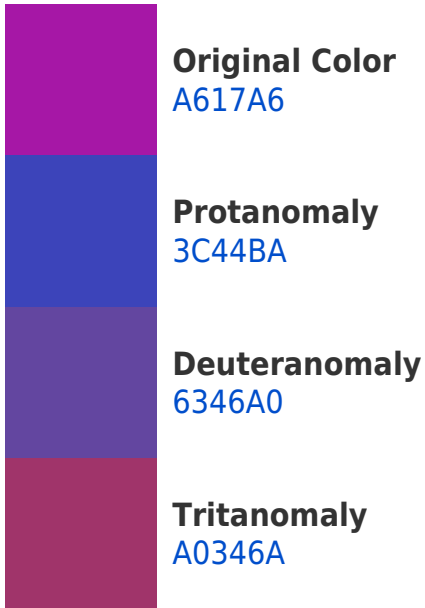
## Dichromacy



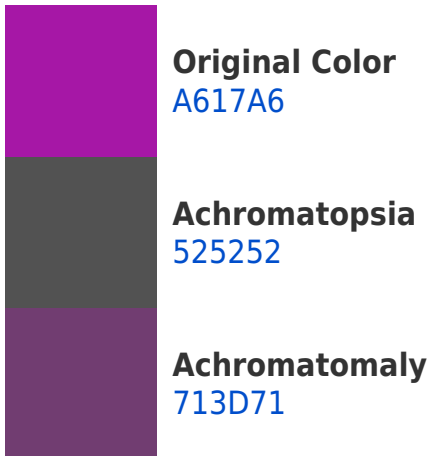


**Tritanopia**  
9C4448

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A617A6 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 #A617A6 looks like.

```
.text, #text, p{  
    color:#A617A6  
}
```

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 #A617A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A617A6
}
```

## Border

The CSS property to change the border of an element to Hex A617A6 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
#A617A6 }
```

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

```
.border{ border-color:#A617A6 }
```

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

Here you see how a box with a 4 pixel #A617A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A617A6; -webkit-box-shadow:4px 4px  
4px 4px #A617A6; box-shadow:4px 4px 4px  
4px #A617A6 }
```

# Background

The CSS property to change the background color of an element to Hex A617A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A617A6 }
```

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

```
.background{ background-color:#A617A6 }
```

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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