

Converting Colors

Hex(A407A2)

Have a look what the booklet for
Hex(A407A2) contains.

Hex(A407A2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A407A2)

Conversions

Conversions Part 1

Format	Color
Hex	A407A2
RGB	164, 7, 162
RGB Percent	64%, 3%, 64%
CMY	0.3569, 0.9725, 0.3647
CMYK	0.00, 0.96, 0.01, 0.36
HSL	301°, 92%, 34%
HSV	301°, 96%, 64%
XYZ	21.9074, 10.6531, 35.0840
YIQ	71.6130, 43.8170, 81.4890

Conversions

Conversions Part 2

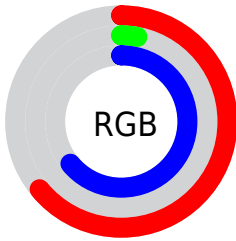
Format	Color
RYB	164, 7, 162
Decimal	10749858
CIELab	38.99, 69.54, -42.30
CIElCh	39, 81.395, 328.686
Yxy	10.6531, 0.3239, 0.1575
Android (android.graphics.Color)	4288939938 (0xFFA407A2)
YUV	71.6130, 44.5608, 81.0234
Hunter-Lab	32.6391, 62.6910, -40.8839

Details

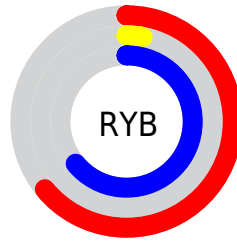
The Hex color **A407A2** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **07A409**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **DF54D9**, and **6B006E** is the 20% darker color. If you saturate the color by 10%, you get **A400A2**, and if you desaturate by 10%, it is **A417A2**.

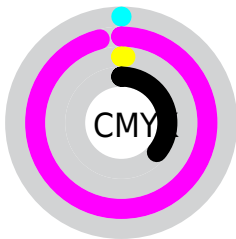
Distribution



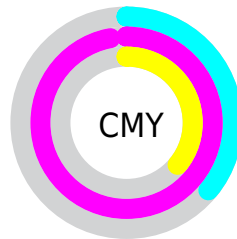
- Red (64%)
- Green (3%)
- Blue (64%)



- Red (64%)
- Yellow (3%)
- Blue (64%)



- Cyan (0%)
- Magenta (96%)
- Yellow (1%)
- Black (36%)



- Cyan (36%)
- Magenta (97%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color A407A2 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 A407A2 by changing the saturation by 10% instead.

 A407A2

 A407A2

FFFFFF

 870087

 DF54D9

 6B006E

 FD71F6

 500055

 FF8EFF

 37003D

 FFABFF

 170026

 FFC8FF

 00010E

 FFE5FF

 000000

 A407A2

 A407A2

 A400A2

 A417A2

 A428A2

 A438A3

 A449A3

 A459A3

 A469A3

 A47AA3

 A48AA4

 A49BA4

Harmonies

Analogous

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



3B4BD2



A407A2



C70062

Triad

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



A407A2



735900



00769A

Complementary

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



A407A2



07A409

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.



007557



A407A2



2E6900

Square

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



A407A2



A43800



007104



0073CE

Rectangle

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



A407A2



C80037



007104



007685

Sweetspot

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



A407A2



D698D5



0707A4



6B466B



EBEBEB



6B6B6B

Same Dimension

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



A407A2



D600D3



A40755



524951



91008F



120012

Inverse Universe

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



A407A2



D600D3



07A455



524951



91008F



120012

Previews

White Background



This preview shows how the Hex color A407A2 looks on a white background.

Color Contrast Check

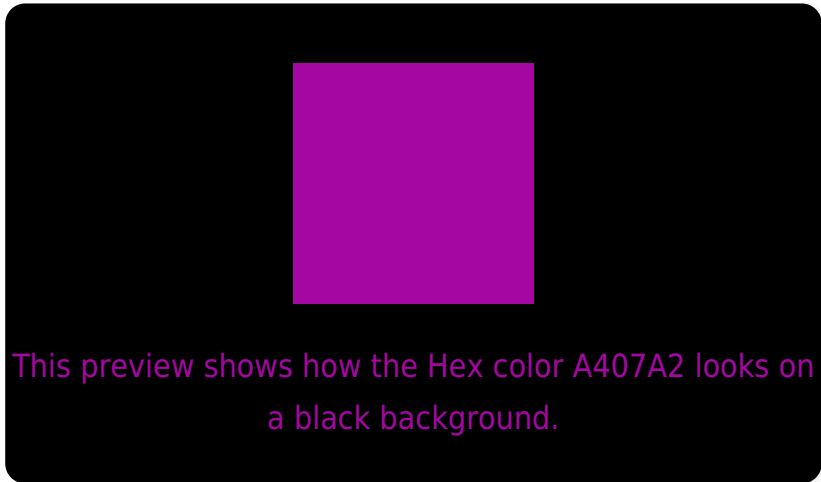
Large Text (above 18pt) WCAG AA ✓ Pass

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

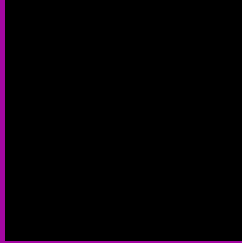
Any Text WCAG AA × Fail

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 A407A2 Background



This preview shows how black text looks on a background with the Hex color A407A2.

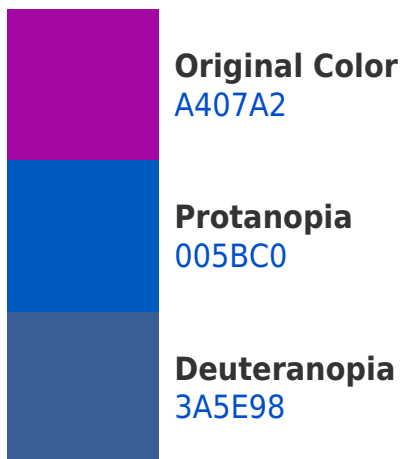


This preview shows how white text looks on a background with the Hex color A407A2.

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
9A4044

Trichromacy



Original Color

A407A2



Protanomaly

3C3CB5



Deuteranomaly

613E9C



Tritanomaly

9E2B66

Monochromacy



Original Color

A407A2



Achromatopsia

484848



Achromatomaly

693069

CSS Examples

Text

The CSS property to change the color of the text to Hex A407A2 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 #A407A2 looks like.

```
.text, #text, p{  
    color:#A407A2  
}
```

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 #A407A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A407A2
}
```

Border

The CSS property to change the border of an element to Hex A407A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

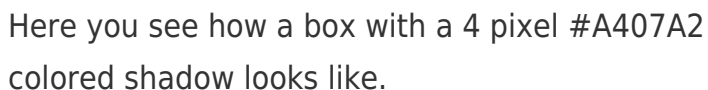
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A407A2 }
```

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

```
.border{ border-color:#A407A2 }
```

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



Here you see how a box with a 4 pixel #A407A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A407A2; -webkit-box-shadow:4px 4px  
4px 4px #A407A2; box-shadow:4px 4px 4px  
4px #A407A2 }
```

Background

The CSS property to change the background color of an element to Hex A407A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A407A2 }
```

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

```
.background{ background-color:#A407A2 }
```

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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