

Converting Colors

Hex(A842A7)

Have a look what the booklet for
Hex(A842A7) contains.

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Color

Hex(A842A7)

Conversions

Conversions Part 1

Format	Color
Hex	A842A7
RGB	168, 66, 167
RGB Percent	66%, 26%, 65%
CMY	0.3412, 0.7412, 0.3451
CMYK	0.00, 0.61, 0.01, 0.34
HSL	301°, 44%, 46%
HSV	301°, 61%, 66%
XYZ	25.0717, 15.0113, 38.1353
YIQ	108.0120, 28.3710, 53.0350

Conversions

Conversions Part 2

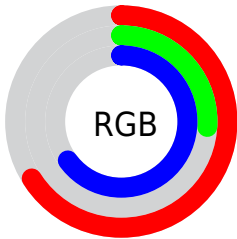
Format	Color
R_{YB}	168, 66, 167
Decimal	11027111
CIE _{Lab}	45.65, 54.93, -34.69
CIE _{LCh}	46, 64.968, 327.731
Yxy	15.0113, 0.3205, 0.1919
Android (android.graphics.Color)	4289217191 (0xFFA842A7)
YUV	108.0120, 29.0811, 52.6095
Hunter-Lab	38.7444, 47.7057, -31.2368

Details

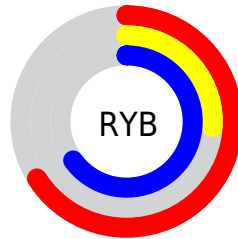
The Hex color **A842A7** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **42A843**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **E278DF**, and **710072** is the 20% darker color. If you saturate the color by 10%, you get **A831A7**, and if you desaturate by 10%, it is **A853A7**.

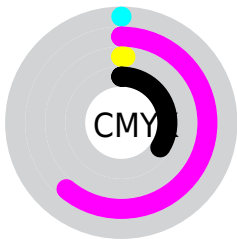
Distribution



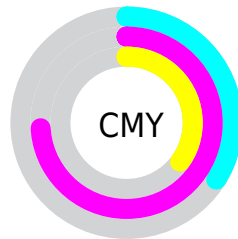
- Red (66%)
- Green (26%)
- Blue (65%)



- Red (66%)
- Yellow (26%)
- Blue (65%)



- Cyan (0%)
- Magenta (61%)
- Yellow (1%)
- Black (34%)



- Cyan (34%)
- Magenta (74%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color A842A7 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 A842A7 by changing the saturation by 10% instead.

 A842A7

 A842A7

FFFFFF

 8C258C

 E278DF

 710072

 FF94FB

 56005A

 FFAFFF

 3C0042

 FFCCFF

 24002B

 FFE9FF

 000115

 000000

 A842A7

 A842A7

 A831A7

 A853A7

 A820A7

 A864A7

 A810A7

 A874A7

 A800A6

 A885A8

 A896A8

 A8A7A8

 A8B8A8

 A8C8A8

 A8D9A8

Harmonies

Analogous

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



5D5FCD



A842A7



C72973

Triad

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



A842A7



876800



00849D

Complementary

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



A842A7



42A843

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.



008366



A842A7



517700

Square

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



A842A7



AF5101



00802D



0080C8

Rectangle

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



A842A7



CA2D4F



00802D



00848C

Sweetspot

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



A842A7



DBB4DB



4242A8



6E566D



EDEDED



6E6E6E

Same Dimension

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



A842A7



DB3BDA



A84275



544C54



940092



140014

Inverse Universe

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



A842A7



DB3BDA



42A875



544C54



940092



140014

Previews

White Background



This preview shows how the Hex color A842A7 looks on a white background.

Color Contrast Check

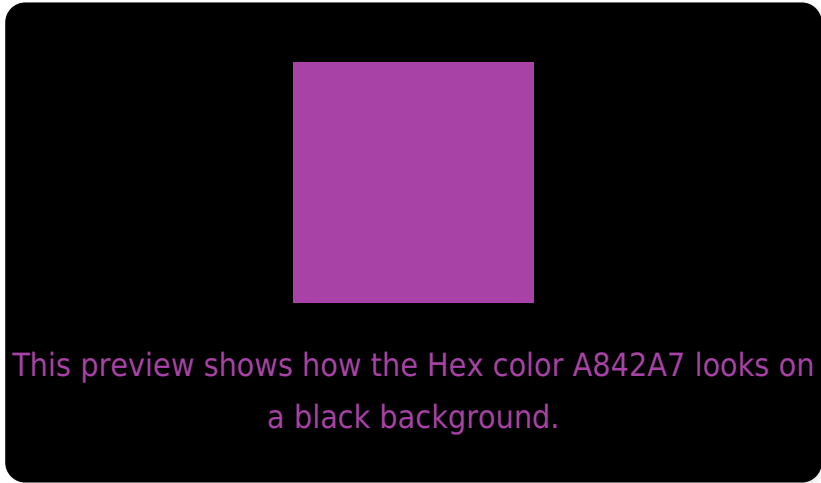
Large Text (above 18pt) WCAG AA ✓ Pass

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

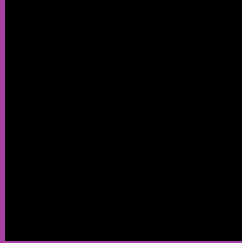
Any Text WCAG AA × Fail

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 A842A7 Background



This preview shows how black text looks on a background with the Hex color A842A7.

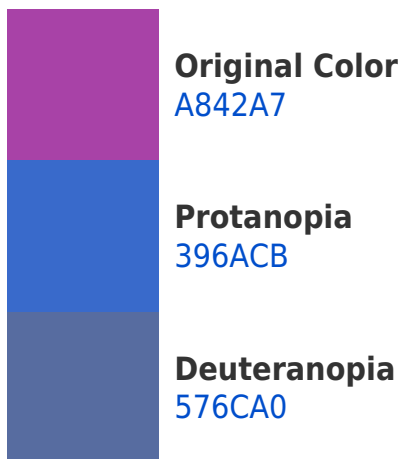


This preview shows how white text looks on a background with the Hex color A842A7.

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](#).

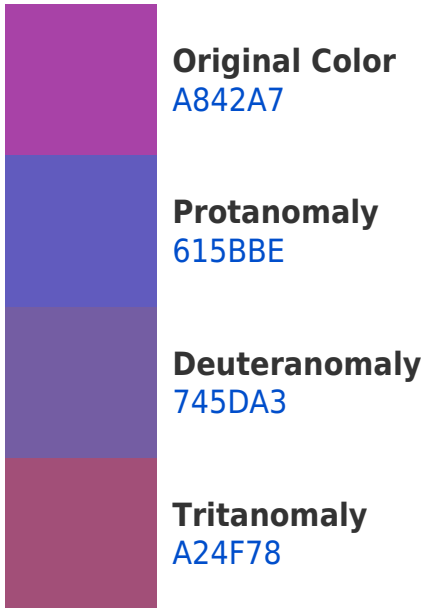
Dichromacy





Tritanopia
9F575D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A842A7 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 #A842A7 looks like.

```
.text, #text, p{  
    color:#A842A7  
}
```

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 #A842A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A842A7
}
```

Border

The CSS property to change the border of an element to Hex A842A7 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
#A842A7 }
```

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

```
.border{ border-color:#A842A7 }
```

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

Here you see how a box with a 4 pixel #A842A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A842A7; -webkit-box-shadow:4px 4px  
4px 4px #A842A7; box-shadow:4px 4px 4px  
4px #A842A7 }
```

Background

The CSS property to change the background color of an element to Hex A842A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A842A7 }
```

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

```
.background{ background-color:#A842A7 }
```

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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