

Converting Colors

Hex(A84AA5)

Have a look what the booklet for
Hex(A84AA5) contains.

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Color

Hex(A84AA5)

Conversions

Conversions Part 1

Format	Color
Hex	A84AA5
RGB	168, 74, 165
RGB Percent	66%, 29%, 65%
CMY	0.3412, 0.7098, 0.3529
CMYK	0.00, 0.56, 0.02, 0.34
HSL	302°, 39%, 47%
HSV	302°, 56%, 66%
XYZ	25.3888, 15.9390, 37.3357
YIQ	112.4800, 26.8130, 48.2290

Conversions

Conversions Part 2

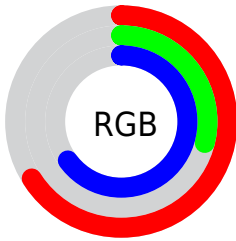
Format	Color
R_{YB}	168, 74, 165
Decimal	11029157
CIE _{Lab}	46.89, 50.91, -31.55
CIE _{LCh}	47, 59.896, 328.217
Yxy	15.9390, 0.3228, 0.2026
Android (android.graphics.Color)	4289219237 (0xFFA84AA5)
YUV	112.4800, 25.8924, 48.6910
Hunter-Lab	39.9237, 43.6475, -27.5001

Details

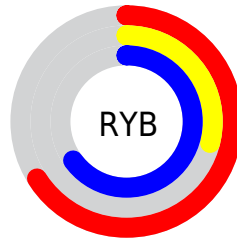
The Hex color **A84AA5** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4AA84D**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **E17FDC**, and **710F71** is the 20% darker color. If you saturate the color by 10%, you get **A839A4**, and if you desaturate by 10%, it is **A85BA6**.

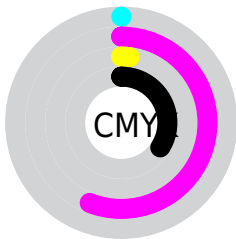
Distribution



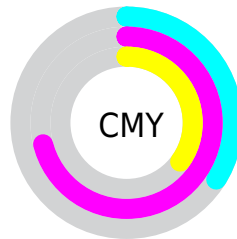
- Red (66%)
- Green (29%)
- Blue (65%)



- Red (66%)
- Yellow (29%)
- Blue (65%)



- Cyan (0%)
- Magenta (56%)
- Yellow (2%)
- Black (34%)



- Cyan (34%)
- Magenta (71%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color A84AA5 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 A84AA5 by changing the saturation by 10% instead.

 A84AA5

 A84AA5

FFFFFF

 8C2F8A

 E17FDC

 710F71

 FF9BF9

 570058

 FFB6FF

 3D0040

 FFD3FF

 26002A

 FFF0FF

 000113

 000000

 A84AA5

 A84AA5

 A839A4

 A85BA6

 A828A4

 A86CA6

 A818A3

 A87CA7

 A807A3

 A88DA7

 A800A3

 A89EA8

 A8AFA8

 A8C0A9

 A8D0A9

 A8E1AA

Harmonies

Analogous

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



6663C9



A84AA5



C53874

Triad

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



A84AA5



896C00



00869E

Complementary

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



A84AA5



4AA84D

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.



00856B



A84AA5



577A00

Square

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



A84AA5



AE5713



008236



0081C5

Rectangle

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



A84AA5



C83B53



008236



00868D

Sweetspot

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



A84AA5



DBB6DA



4C4AA8



6E586D



EDEDED



6E6E6E

Same Dimension

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



A84AA5



DB48D7



A84A77



544C54



94008F



140014

Inverse Universe

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



A84AA5



DB48D7



4AA87B



544C54



94008F



140014

Previews

White Background



This preview shows how the Hex color A84AA5 looks on a white background.

Color Contrast Check

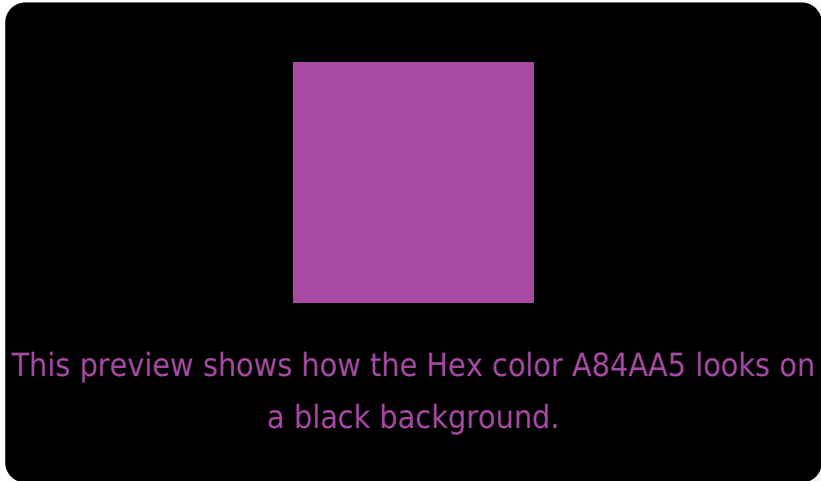
Large Text (above 18pt) WCAG AA ✓ Pass

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

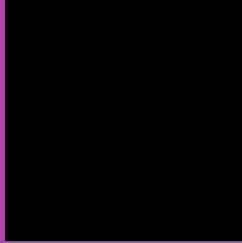
Any Text WCAG AA × Fail

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 A84AA5 Background



This preview shows how black text looks on a background with the Hex color A84AA5.

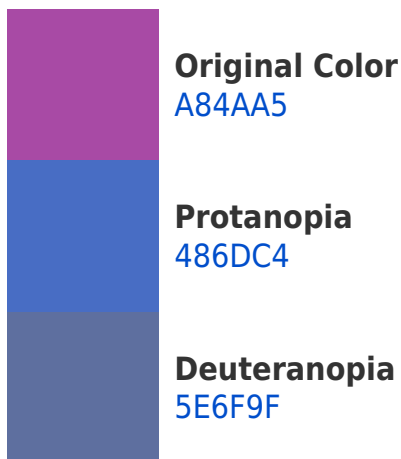


This preview shows how white text looks on a background with the Hex color A84AA5.

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](#).

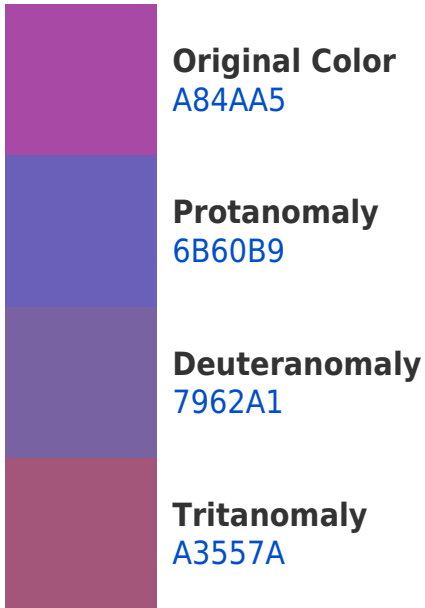
Dichromacy



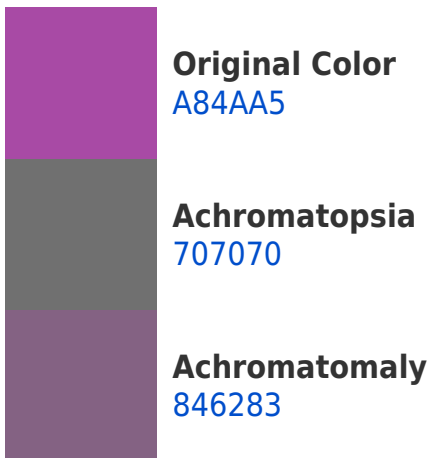


Tritanopia
A05B62

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A84AA5 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 #A84AA5 looks like.

```
.text, #text, p{  
    color:#A84AA5  
}
```

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 #A84AA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A84AA5
}
```

Border

The CSS property to change the border of an element to Hex A84AA5 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
#A84AA5 }
```

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

```
.border{ border-color:#A84AA5 }
```

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

Here you see how a box with a 4 pixel #A84AA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A84AA5; -webkit-box-shadow:4px 4px  
4px 4px #A84AA5; box-shadow:4px 4px 4px  
4px #A84AA5 }
```

Background

The CSS property to change the background color of an element to Hex A84AA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A84AA5 }
```

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

```
.background{ background-color:#A84AA5 }
```

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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