

Converting Colors

Hex(A83C84)

Have a look what the booklet for
Hex(A83C84) contains.

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Color

Hex(A83C84)

Conversions

Conversions Part 1

Format	Color
Hex	A83C84
RGB	168, 60, 132
RGB Percent	66%, 24%, 52%
CMY	0.3412, 0.7647, 0.4824
CMYK	0.00, 0.64, 0.21, 0.34
HSL	320°, 47%, 45%
HSV	320°, 64%, 66%
XYZ	21.9292, 13.2225, 23.2262
YIQ	100.5000, 41.2560, 45.2880

Conversions

Conversions Part 2

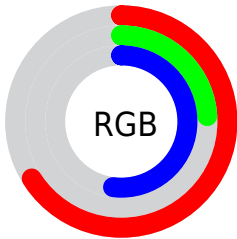
Format	Color
R_{YB}	168, 60, 132
Decimal	11025540
CIE _{Lab}	43.10, 51.94, -17.61
CIE _{LCh}	43, 54.843, 341.271
Yxy	13.2225, 0.3756, 0.2265
Android (android.graphics.Color)	4289215620 (0xFFA83C84)
YUV	100.5000, 15.5295, 59.1975
Hunter-Lab	36.3627, 44.0126, -12.4167

Details

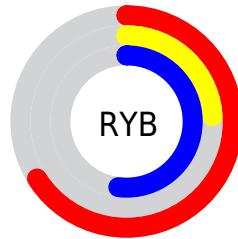
The Hex color **A83C84** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3CA860**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **E272B9**, and **700052** is the 20% darker color. If you saturate the color by 10%, you get **A82B7E**, and if you desaturate by 10%, it is **A84D8A**.

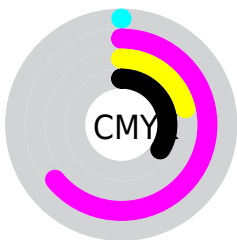
Distribution



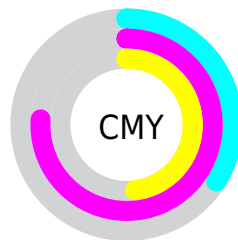
- Red (66%)
- Green (24%)
- Blue (52%)



- Red (66%)
- Yellow (24%)
- Blue (52%)



- Cyan (0%)
- Magenta (64%)
- Yellow (21%)
- Black (34%)



- Cyan (34%)
- Magenta (76%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color A83C84 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 A83C84 by changing the saturation by 10% instead.

 A83C84

 A83C84

FFFFFF

 8C1F6B

 E272B9

 700052

 FF8DD5

 56003B

 FFA9F1

 3C0025

 FFC5FF

 21000E

 FFE2FF

 000000

 A83C84

 A83C84

 A82B7E

 A84D8A

 A81A79

 A85E8F

 A80A73

 A86E95

 A80070

 A87F9A

 A890A0

 A8A1A6

 A8B2AB

 A8C2B1

 A8D3B6

Harmonies

Analogous

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



7D51AB



A83C84



B63557

Triad

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



A83C84



6B6900



0079A1

Complementary

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



A83C84



3CA860

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.



007A76



A83C84



377319

Square

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



A83C84



925900



007947



0073BC

Rectangle

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



A83C84



B23E39



007947



007A94

Sweetspot

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



A83C84



DBB2CD



603CA8



6E5465



EDEDED



6E6E6E

Same Dimension

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



A83C84



DB32A3



A83C4E



544C51



940063



14000E

Inverse Universe

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



A83C84



DB32A3



3CA896



544C51



940063



14000E

Previews

White Background



This preview shows how the Hex color A83C84 looks on a white background.

Color Contrast Check

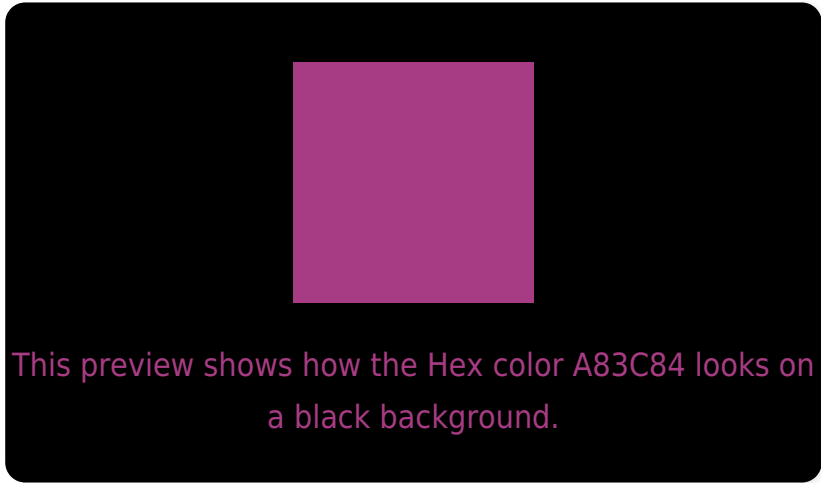
Large Text (above 18pt) WCAG AA ✓ Pass

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

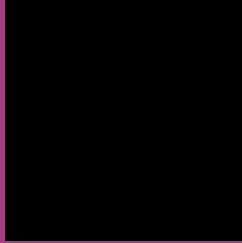
Any Text WCAG AA × Fail

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 A83C84 Background



This preview shows how black text looks on a background with the Hex color A83C84.

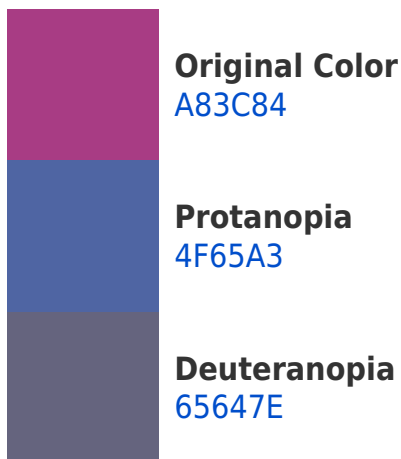


This preview shows how white text looks on a background with the Hex color A83C84.

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
A34A4F

Trichromacy



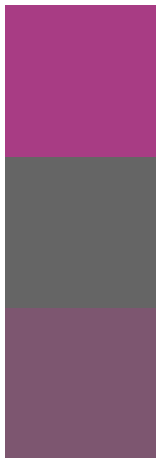
Original Color
A83C84

Protanomaly
6F5698

Deuteranomaly
7D5580

Tritanomaly
A54562

Monochromacy



Original Color
A83C84

Achromatopsia
656565

Achromatomaly
7D5670

CSS Examples

Text

The CSS property to change the color of the text to Hex A83C84 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 #A83C84 looks like.

```
.text, #text, p{  
    color:#A83C84  
}
```

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 #A83C84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A83C84
}
```

Border

The CSS property to change the border of an element to Hex A83C84 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
#A83C84 }
```

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

```
.border{ border-color:#A83C84 }
```

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

Here you see how a box with a 4 pixel #A83C84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A83C84; -webkit-box-shadow:4px 4px  
4px 4px #A83C84; box-shadow:4px 4px 4px  
4px #A83C84 }
```

Background

The CSS property to change the background color of an element to Hex A83C84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A83C84 }
```

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

```
.background{ background-color:#A83C84 }
```

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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