

Converting Colors

Hex(A83687)

Have a look what the booklet for
Hex(A83687) contains.

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Color

Hex(A83687)

Conversions

Conversions Part 1

Format	Color
Hex	A83687
RGB	168, 54, 135
RGB Percent	66%, 21%, 53%
CMY	0.3412, 0.7882, 0.4706
CMYK	0.00, 0.68, 0.20, 0.34
HSL	317°, 51%, 44%
HSV	317°, 68%, 66%
XYZ	21.8408, 12.7124, 24.2243
YIQ	97.3200, 41.9430, 49.3590

Conversions

Conversions Part 2

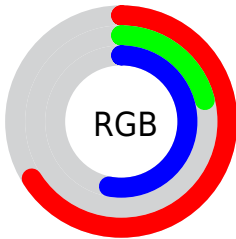
Format	Color
R_{YB}	168, 54, 135
Decimal	11024007
CIE _{Lab}	42.33, 54.84, -20.62
CIE _{LCh}	42, 58.594, 339.391
Yxy	12.7124, 0.3716, 0.2163
Android (android.graphics.Color)	4289214087 (0xFFA83687)
YUV	97.3200, 18.5762, 61.9864
Hunter-Lab	35.6545, 46.9479, -15.3245

Details

The Hex color **A83687** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **36A857**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **E26DBC**, and **700055** is the 20% darker color. If you saturate the color by 10%, you get **A82582**, and if you desaturate by 10%, it is **A8478C**.

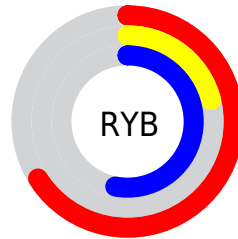
Distribution



Red (66%)

Green (21%)

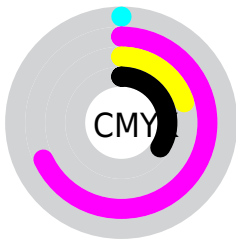
Blue (53%)



Red (66%)

Yellow (21%)

Blue (53%)

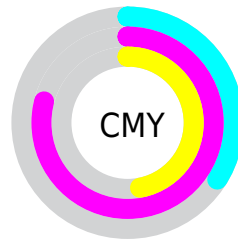


Cyan (0%)

Magenta (68%)

Yellow (20%)

Black (34%)



Cyan (34%)

Magenta (79%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color A83687 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 A83687 by changing the saturation by 10% instead.

 A83687

 A83687

FFFFFF

 8C156E

 E26DBC

 700055

 FF89D8

 55003E

 FFA4F5

 3C0028

 FFC1FF

 200011

 FFDEFF

 000000

 FFFBFF

 A83687

 A83687

 A82582

 A8478C

 A8147D

 A85891

 A80478

 A86896

 A80077

 A8799A

 A88A9F

 A89BA4

 A8ACA9

 A8BCAE

 A8CDB3

Harmonies

Analogous

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



784FAF



A83687



B82C57

Triad

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



A83687



6B6700



0078A0

Complementary

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



A83687



36A857

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.



007972



A83687



357208

Square

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



A83687



945500



007740



0072BF

Rectangle

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



A83687



B53638



007740



007992

Sweetspot

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



A83687



DBAFCF



5636A8



6E5366



EDEDED



6E6E6E

Same Dimension

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



A83687



DB2AA8



A8364F



544C52



940069



14000E

Inverse Universe

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



A83687



DB2AA8



36A88F



544C52



940069



14000E

Previews

White Background



This preview shows how the Hex color A83687 looks on a white background.

Color Contrast Check

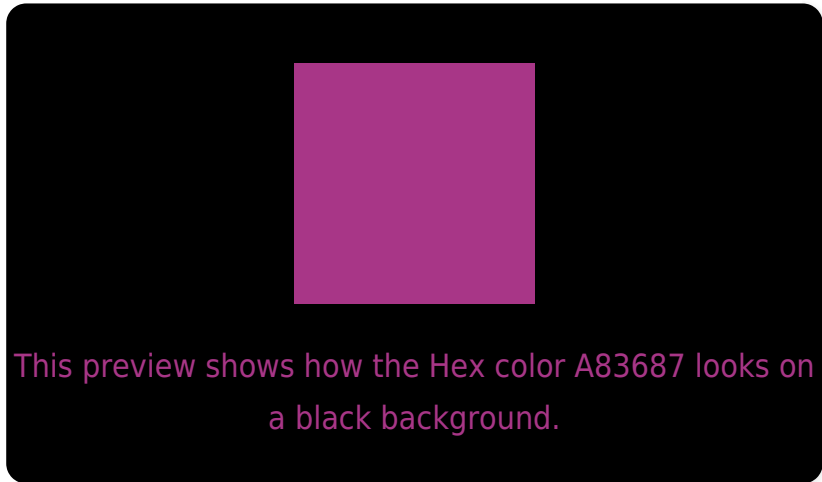
Large Text (above 18pt) WCAG AA ✓ Pass

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

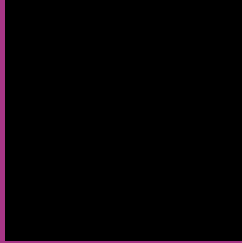
Any Text WCAG AA × Fail

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 A83687 Background



This preview shows how black text looks on a background with the Hex color A83687.

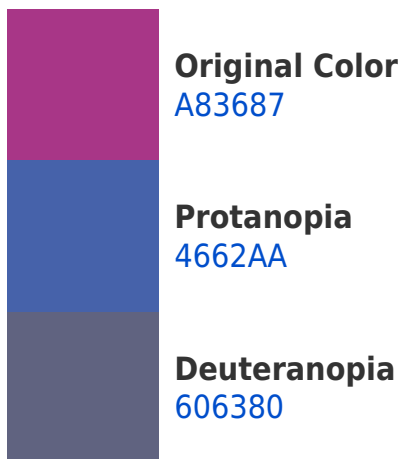


This preview shows how white text looks on a background with the Hex color A83687.

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
A3474B

Trichromacy



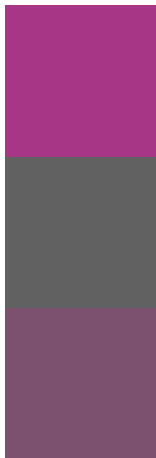
Original Color
A83687

Protanomaly
6A529D

Deuteranomaly
7A5383

Tritanomaly
A54161

Monochromacy



Original Color
A83687

Achromatopsia
616161

Achromatomaly
7B516F

CSS Examples

Text

The CSS property to change the color of the text to Hex A83687 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 #A83687 looks like.

```
.text, #text, p{  
    color:#A83687  
}
```

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 #A83687 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A83687
}
```

Border

The CSS property to change the border of an element to Hex A83687 is called "border". The border property can be set on classes, ids or directly on the HTML element.

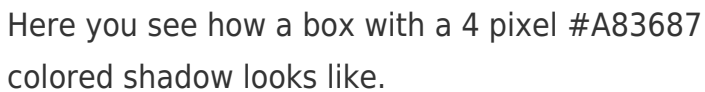
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A83687 }
```

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

```
.border{ border-color:#A83687 }
```

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



Here you see how a box with a 4 pixel #A83687 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A83687; -webkit-box-shadow:4px 4px  
4px 4px #A83687; box-shadow:4px 4px 4px  
4px #A83687 }
```

Background

The CSS property to change the background color of an element to Hex A83687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A83687 }
```

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

```
.background{ background-color:#A83687 }
```

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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