

Converting Colors

Hex(A81887)

Have a look what the booklet for
Hex(A81887) contains.

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Color

Hex(A81887)

Conversions

Conversions Part 1

Format	Color
Hex	A81887
RGB	168, 24, 135
RGB Percent	66%, 9%, 53%
CMY	0.3412, 0.9059, 0.4706
CMYK	0.00, 0.86, 0.20, 0.34
HSL	314°, 75%, 38%
HSV	314°, 86%, 66%
XYZ	20.8483, 10.7274, 23.8934
YIQ	79.7100, 50.1930, 65.0490

Conversions

Conversions Part 2

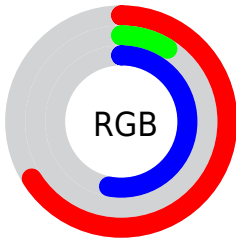
Format	Color
R_{YB}	168, 24, 135
Decimal	11016327
CIE _{Lab}	39.12, 63.97, -25.60
CIE _{LCh}	39, 68.900, 338.185
Yxy	10.7274, 0.3759, 0.1934
Android (android.graphics.Color)	4289206407 (0xFFA81887)
YUV	79.7100, 27.2580, 77.4303
Hunter-Lab	32.7527, 56.3046, -20.3259

Details

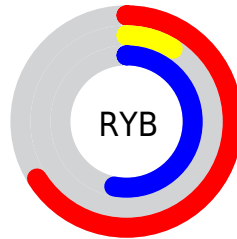
The Hex color **A81887** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **18A839**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **E359BD**, and **6F0055** is the 20% darker color. If you saturate the color by 10%, you get **A80783**, and if you desaturate by 10%, it is **A8298B**.

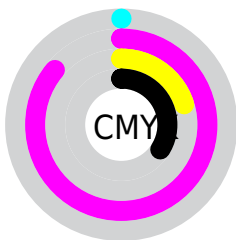
Distribution



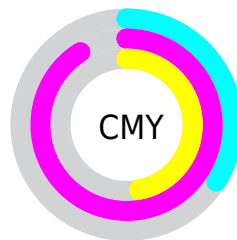
- Red (66%)
- Green (9%)
- Blue (53%)



- Red (66%)
- Yellow (9%)
- Blue (53%)



- Cyan (0%)
- Magenta (86%)
- Yellow (20%)
- Black (34%)



- Cyan (34%)
- Magenta (91%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color A81887 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 A81887 by changing the saturation by 10% instead.

 A81887

 A81887

FFFFFF

 8B006D

 E359BD

 6F0055

 FF76D8

 54003D

 FF92F5

 3B0028

 FFAFFF

 1B0010

 FFC0FF

 000000

 FFE9FF

 A81887

 A81887

 A80783

 A8298B

 A80081

 A83A8F

 A84A93

 A85B96

 A86C9A

 A87D9E

 A88EA2

 A89EA6

 A8AFAA

Harmonies

Analogous

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



6D44B6



A81887



BB0050

Triad

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



A81887



645F00



0073A1

Complementary

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



A81887



18A839

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.



00736B



A81887



1E6B00

Square

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



A81887



914900



00712F



006DC5

Rectangle

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



A81887



B7142B



00712F



007390

Sweetspot

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



A81887



DBA2CE



3718A8



6E4C66



EDEDED



6E6E6E

Same Dimension

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



A81887



DB00A9



A81841



544C52



940072



140010

Inverse Universe

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



A81887



DB00A9



18A87F



544C52



940072



140010

Previews

White Background



This preview shows how the Hex color A81887 looks on a white background.

Color Contrast Check

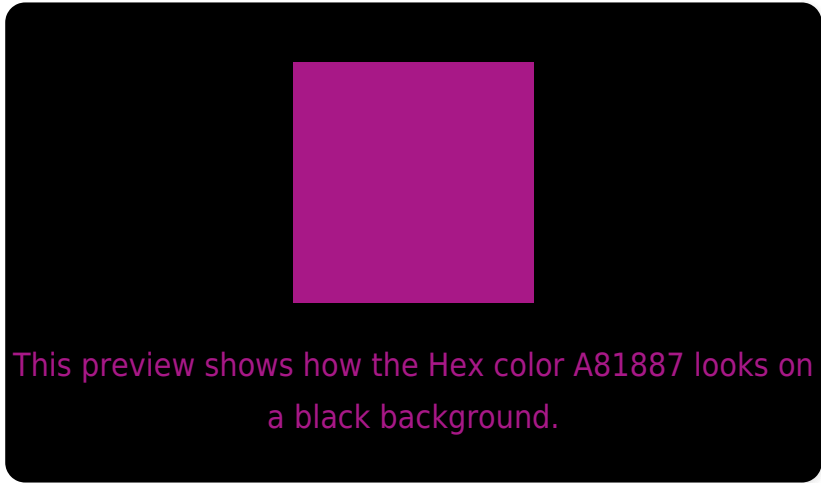
Large Text (above 18pt) WCAG AA ✓ Pass

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

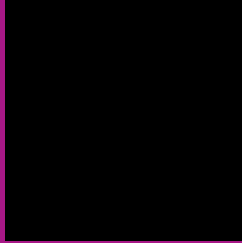
Any Text WCAG AA × Fail

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 A81887 Background



This preview shows how black text looks on a background with the Hex color A81887.

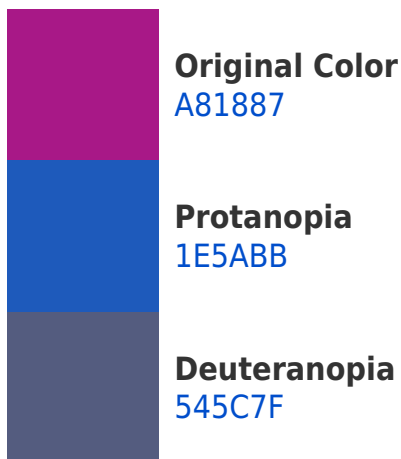


This preview shows how white text looks on a background with the Hex color A81887.

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
A2393C

Trichromacy



Original Color
A81887



Protanomaly
5042A8



Deuteranomaly
734382



Tritanomaly
A42D57

Monochromacy



Original Color
A81887



Achromatopsia
505050



Achromatomaly
703C64

CSS Examples

Text

The CSS property to change the color of the text to Hex A81887 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 #A81887 looks like.

```
.text, #text, p{  
    color:#A81887  
}
```

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 #A81887 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A81887
}
```

Border

The CSS property to change the border of an element to Hex A81887 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
#A81887 }
```

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

```
.border{ border-color:#A81887 }
```

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

Here you see how a box with a 4 pixel #A81887 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A81887; -webkit-box-shadow:4px 4px  
4px 4px #A81887; box-shadow:4px 4px 4px  
4px #A81887 }
```

Background

The CSS property to change the background color of an element to Hex A81887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A81887 }
```

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

```
.background{ background-color:#A81887 }
```

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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