

Converting Colors

Hex(A81E9D)

Have a look what the booklet for
Hex(A81E9D) contains.

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Color

Hex(A81E9D)

Conversions

Conversions Part 1

Format	Color
Hex	A81E9D
RGB	168, 30, 157
RGB Percent	66%, 12%, 62%
CMY	0.3412, 0.8824, 0.3843
CMYK	0.00, 0.82, 0.07, 0.34
HSL	305°, 70%, 39%
HSV	305°, 82%, 66%
XYZ	22.6985, 11.6877, 32.9579
YIQ	85.7400, 41.4810, 68.7530

Conversions

Conversions Part 2

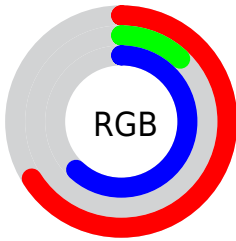
Format	Color
R_{YB}	168, 30, 157
Decimal	11017885
CIE _{Lab}	40.72, 65.75, -36.50
CIE _{LCh}	41, 75.200, 330.963
Yxy	11.6877, 0.3371, 0.1736
Android (android.graphics.Color)	4289207965 (0xFFA81E9D)
YUV	85.7400, 35.1312, 72.1420
Hunter-Lab	34.1873, 58.6867, -33.2268

Details

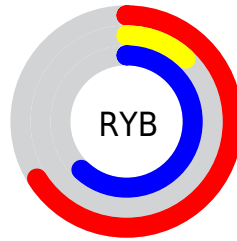
The Hex color **A81E9D** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **1EA829**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **E25ED4**, and **700069** is the 20% darker color. If you saturate the color by 10%, you get **A80D9C**, and if you desaturate by 10%, it is **A82F9E**.

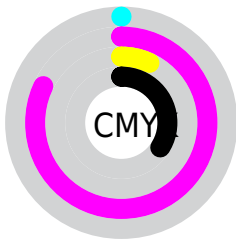
Distribution



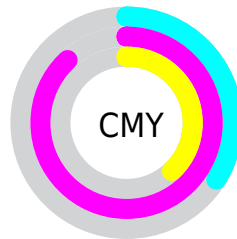
- Red (66%)
- Green (12%)
- Blue (62%)



- Red (66%)
- Yellow (12%)
- Blue (62%)



- Cyan (0%)
- Magenta (82%)
- Yellow (7%)
- Black (34%)



- Cyan (34%)
- Magenta (88%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color A81E9D 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 A81E9D by changing the saturation by 10% instead.

 A81E9D

 A81E9D

FFFFFF

 8C0083

 E25ED4

 700069

 FF7AF1

 540050

 FF96FF

 3B0039


 FFB3FF

 1E0022

 FFD0FF

 000008

 FFE0FF

 000000

 A81E9D

 A81E9D

 A80D9C

 A82F9E

 A8009B

 A840A0

 A850A1

 A861A2

 A872A4

 A883A5

 A894A6

 A8A4A8

 A8B5A9

Harmonies

Analogous

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



554ECB



A81E9D



C60061

Triad

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



A81E9D



745F00



00799E

Complementary

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



A81E9D



1EA829

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.



007860



A81E9D



336E00

Square

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



A81E9D



A34300



00751C



0075CD

Rectangle

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



A81E9D



C60039



00751C



00798B

Sweetspot

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



A81E9D



DBA4D7



271EA8



6E4D6B



EDEDED



6E6E6E

Same Dimension

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



A81E9D



DB02CA



A81E5A



544C53



940088



140013

Inverse Universe

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



A81E9D



DB02CA



1EA86C



544C53



940088



140013

Previews

White Background



This preview shows how the Hex color A81E9D looks on a white background.

Color Contrast Check

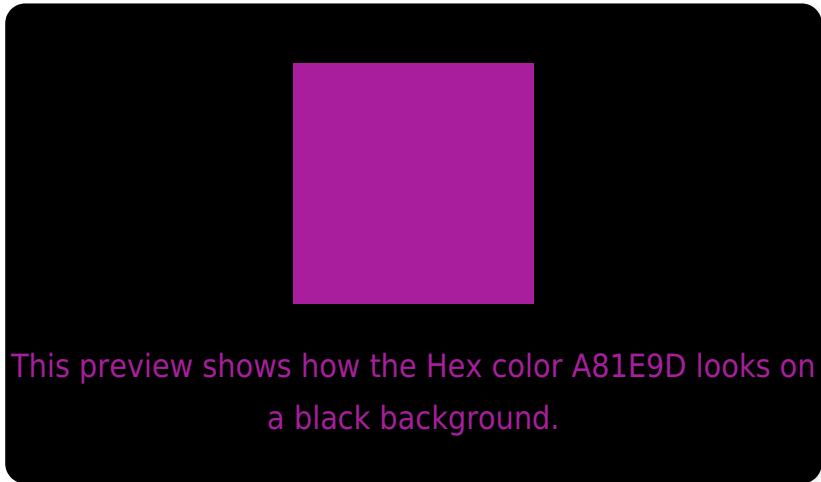
Large Text (above 18pt) WCAG AA ✓ Pass

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

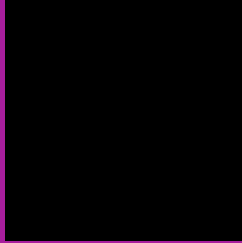
Any Text WCAG AA × Fail

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 A81E9D Background



This preview shows how black text looks on a background with the Hex color A81E9D.

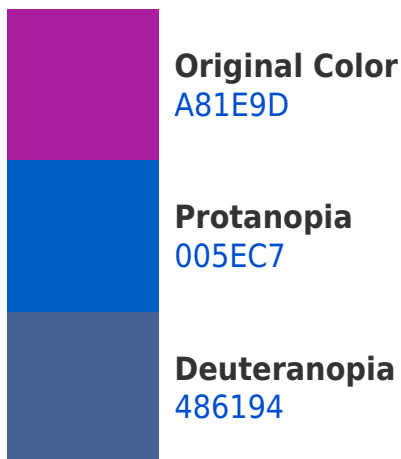



This preview shows how white text looks on a background with the Hex color A81E9D.

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
9F4247

Trichromacy



Original Color
A81E9D



Protanomaly
3D47B8



Deuteranomaly
6B4997



Tritanomaly
A23566

Monochromacy



Original Color
A81E9D



Achromatopsia
565656



Achromatomaly
744270

CSS Examples

Text

The CSS property to change the color of the text to Hex A81E9D 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 #A81E9D looks like.

```
.text, #text, p{  
    color:#A81E9D  
}
```

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 #A81E9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A81E9D }
}
```

Border

The CSS property to change the border of an element to Hex A81E9D 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 #A81E9D }
}
```

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

```
.border{ border-color:#A81E9D }
```

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

Here you see how a box with a 4 pixel #A81E9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A81E9D; -webkit-box-shadow:4px 4px  
4px 4px #A81E9D; box-shadow:4px 4px 4px  
4px #A81E9D }
```

Background

The CSS property to change the background color of an element to Hex A81E9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A81E9D }
```

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

```
.background{ background-color:#A81E9D }
```

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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