

Converting Colors

Hex(B81D9A)

Have a look what the booklet for
Hex(B81D9A) contains.

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Color

Hex(B81D9A)

Conversions

Conversions Part 1

Format	Color
Hex	B81D9A
RGB	184, 29, 154
RGB Percent	72%, 11%, 60%
CMY	0.2784, 0.8863, 0.3961
CMYK	0.00, 0.84, 0.16, 0.28
HSL	312°, 73%, 42%
HSV	312°, 84%, 72%
XYZ	26.0393, 13.4022, 31.7863
YIQ	89.5950, 52.2550, 71.7350

Conversions

Conversions Part 2

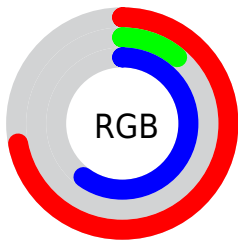
Format	Color
RYB	184, 29, 154
Decimal	12066202
CIELab	43.36, 68.86, -30.33
CIElCh	43, 75.244, 336.233
Yxy	13.4022, 0.3656, 0.1882
Android (android.graphics.Color)	4290256282 (0xFFB81D9A)
YUV	89.5950, 31.7517, 82.7932
Hunter-Lab	36.6090, 62.8979, -25.8532

Details

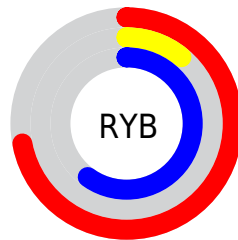
The Hex color **B81D9A** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **1DB83B**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **F460D1**, and **7E0066** is the 20% darker color. If you saturate the color by 10%, you get **B80B96**, and if you desaturate by 10%, it is **B82F9E**.

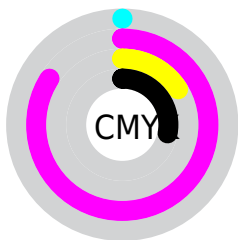
Distribution



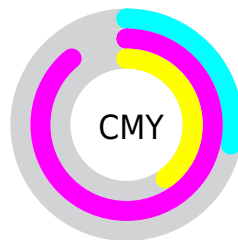
- Red (72%)
- Green (11%)
- Blue (60%)



- Red (72%)
- Yellow (11%)
- Blue (60%)



- Cyan (0%)
- Magenta (84%)
- Yellow (16%)
- Black (28%)



- Cyan (28%)
- Magenta (89%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color B81D9A 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 B81D9A by changing the saturation by 10% instead.

 B81D9A

 B81D9A

FFFFFF

 9B0080

 F460D1

 7E0066

 FF7DED

 62004E

 FF99FF

 470037

 FFB6FF

 2C0021

 FFD4FF

 000004

 FFF1FF

 000000

 B81D9A

 B81D9A

 B80B96

 B82F9E

 B80094

 B842A1

 B854A5

 B867A8

 B879AC

 B88BAF

 B89EB3

 B8B0B6

 B8C3BA

Harmonies

Analogous

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



724ECD



B81D9A



D0005C

Triad

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



B81D9A



726800



0080AF

Complementary

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



B81D9A



1DB83B

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.



008072



B81D9A



297600

Square

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



B81D9A



A44F00



007D30



007ADA

Rectangle

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



B81D9A



CC0D34



007D30



00809C

Sweetspot

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



B81D9A



F0B4E4



391DB8



785471



F7F7F7



787878

Same Dimension

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



B81D9A



F00C1



B81D4E



5C535A



9C007D



1C0017

Inverse Universe

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



B81D9A



F00C1



1DB887



5C535A



9C007D



1C0017

Previews

White Background



This preview shows how the Hex color B81D9A looks on a white background.

Color Contrast Check

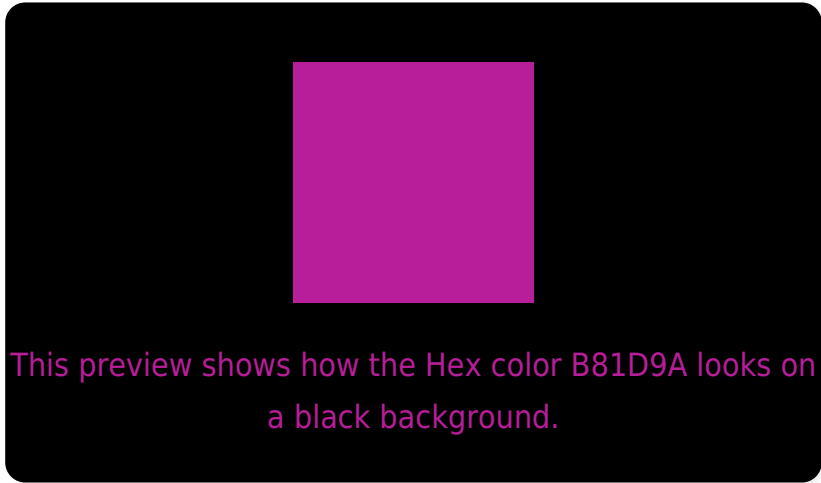
Large Text (above 18pt) WCAG AA ✓ Pass

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

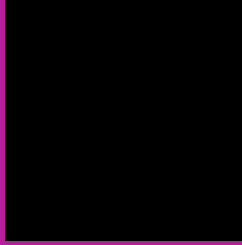
Any Text WCAG AA × Fail

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 B81D9A Background



This preview shows how black text looks on a background with the Hex color B81D9A.

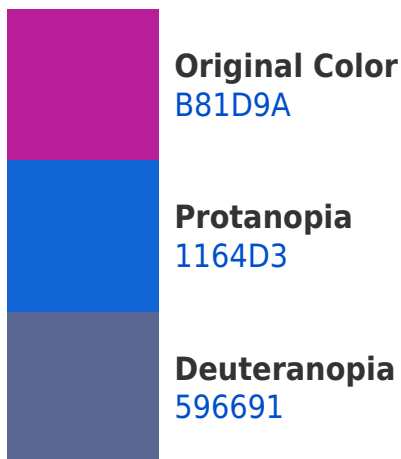


This preview shows how white text looks on a background with the Hex color B81D9A.

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



Trichromacy



Original Color
B81D9A



Protanomaly
4E4ABE



Deuteranomaly
7C4B94



Tritanomaly
B33464

Monochromacy



Original Color
B81D9A



Achromatopsia
5A5A5A



Achromatomaly
7C4471

CSS Examples

Text

The CSS property to change the color of the text to Hex B81D9A 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 #B81D9A looks like.

```
.text, #text, p{  
    color:#B81D9A  
}
```

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 #B81D9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B81D9A
}
```

Border

The CSS property to change the border of an element to Hex B81D9A 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
#B81D9A }
```

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

```
.border{ border-color:#B81D9A }
```

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

Here you see how a box with a 4 pixel #B81D9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B81D9A; -webkit-box-shadow:4px 4px  
4px 4px #B81D9A; box-shadow:4px 4px 4px  
4px #B81D9A }
```

Background

The CSS property to change the background color of an element to Hex B81D9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B81D9A }
```

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

```
.background{ background-color:#B81D9A }
```

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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