

Converting Colors

Hex(B81F7F)

Have a look what the booklet for
Hex(B81F7F) contains.

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Color

Hex(B81F7F)

Conversions

Conversions Part 1

Format	Color
Hex	B81F7F
RGB	184, 31, 127
RGB Percent	72%, 12%, 50%
CMY	0.2784, 0.8784, 0.5020
CMYK	0.00, 0.83, 0.31, 0.28
HSL	322°, 71%, 42%
HSV	322°, 83%, 72%
XYZ	24.0879, 12.7026, 21.2610
YIQ	87.6910, 60.3720, 62.2920

Conversions

Conversions Part 2

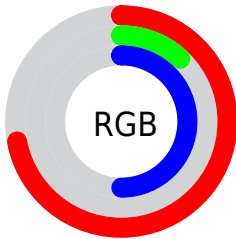
Format	Color
RYB	184, 31, 127
Decimal	12066687
CIELab	42.31, 65.07, -15.49
CIElCh	42, 66.890, 346.608
Yxy	12.7026, 0.4149, 0.2188
Android (android.graphics.Color)	4290256767 (0xFFB81F7F)
YUV	87.6910, 19.3793, 84.4630
Hunter-Lab	35.6407, 58.2685, -10.4200

Details

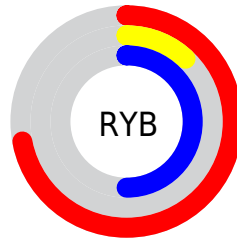
The Hex color **B81F7F** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **1FB858**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **F45FB4**, and **7E004E** is the 20% darker color. If you saturate the color by 10%, you get **B80D78**, and if you desaturate by 10%, it is **B83186**.

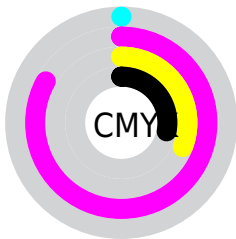
Distribution



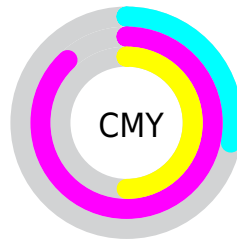
- Red (72%)
- Green (12%)
- Blue (50%)



- Red (72%)
- Yellow (12%)
- Blue (50%)



- Cyan (0%)
- Magenta (83%)
- Yellow (31%)
- Black (28%)



- Cyan (28%)
- Magenta (88%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color B81F7F 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 B81F7F by changing the saturation by 10% instead.

 B81F7F

 B81F7F

FFFFFF

 9B0066

 F45FB4

 7E004E

 FF7CCF

 620037

 FF99EC

 470022

 FFB5FF

 2B0007

 FFD3FF

 000000

 FFF0FF

 B81F7F

 B81F7F

 B80D78

 B83186

 B80073

 B8448D

 B85694

 B8699A

 B87BA1

 B88DA8

 B8A0AF

 B8B2B6

 B8C5BD

Harmonies

Analogous

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



8B44B1



B81F7F



C21A48

Triad

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



B81F7F



5D6B00



007AB4

Complementary

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



B81F7F



1FB858

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.



007B82



B81F7F



007503

Square

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



B81F7F



8E5800



007A48



0072D0

Rectangle

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



B81F7F



BA3125



007A48



007BA5

Sweetspot

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



B81F7F



F0B4D9



571FB8



78546A



F7F7F7



787878

Same Dimension

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



B81F7F



F00096



B81F33



5C5358



9C0062



1C0012

Inverse Universe

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



B81F7F



F00096



1FB8A4



5C5358



9C0062



1C0012

Previews

White Background



This preview shows how the Hex color B81F7F looks on a white background.

Color Contrast Check

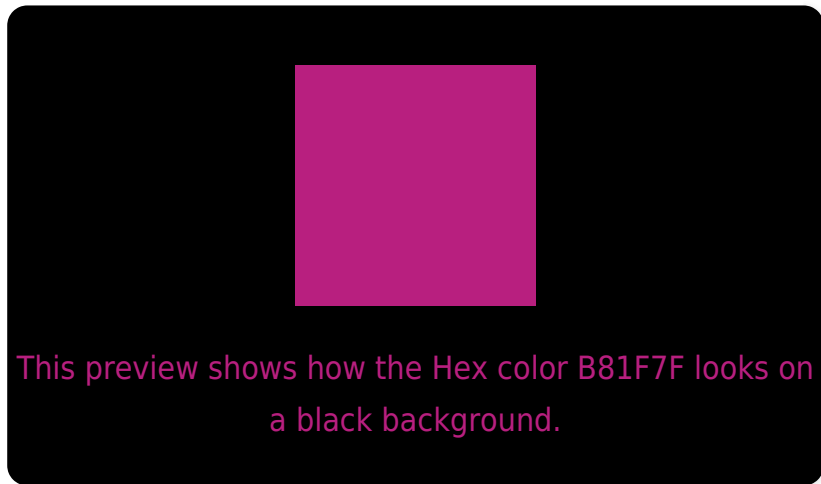
Large Text (above 18pt) WCAG AA ✓ Pass

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 B81F7F Background



This preview shows how black text looks on a background with the Hex color B81F7F.



This preview shows how white text looks on a background with the Hex color B81F7F.

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
B3383B

Trichromacy



Original Color
B81F7F



Protanomaly
6E4A9D



Deuteranomaly
844A7A

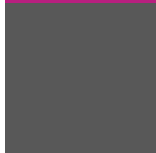


Tritanomaly
B52F54

Monochromacy



Original Color
B81F7F



Achromatopsia
585858



Achromatomaly
7B4366

CSS Examples

Text

The CSS property to change the color of the text to Hex B81F7F 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 #B81F7F looks like.

```
.text, #text, p{  
    color:#B81F7F  
}
```

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 #B81F7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B81F7F
}
```

Border

The CSS property to change the border of an element to Hex B81F7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

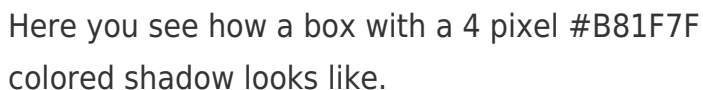
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B81F7F }
```

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

```
.border{ border-color:#B81F7F }
```

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



Here you see how a box with a 4 pixel #B81F7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B81F7F; -webkit-box-shadow:4px 4px  
4px 4px #B81F7F; box-shadow:4px 4px 4px  
4px #B81F7F }
```

Background

The CSS property to change the background color of an element to Hex B81F7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B81F7F }
```

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

```
.background{ background-color:#B81F7F }
```

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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