

Converting Colors

Hex(B81A71)

Have a look what the booklet for
Hex(B81A71) contains.

Hex(B81A71)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B81A71)

Conversions

Conversions Part 1

Format	Color
Hex	B81A71
RGB	184, 26, 113
RGB Percent	72%, 10%, 44%
CMY	0.2784, 0.8980, 0.5569
CMYK	0.00, 0.86, 0.39, 0.28
HSL	327°, 75%, 41%
HSV	327°, 86%, 72%
XYZ	23.1172, 12.1214, 16.7440
YIQ	83.1600, 66.2410, 60.5530

Conversions

Conversions Part 2

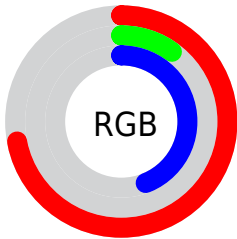
Format	Color
RYB	184, 26, 113
Decimal	12065393
CIELab	41.41, 64.66, -8.17
CIElCh	41, 65.170, 352.797
Yxy	12.1214, 0.4447, 0.2332
Android (android.graphics.Color)	4290255473 (0xFFB81A71)
YUV	83.1600, 14.7111, 88.4367
Hunter-Lab	34.8158, 57.5939, -4.1434

Details

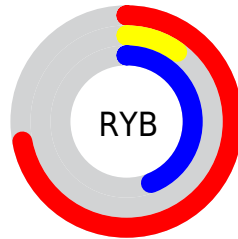
The Hex color **B81A71** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **1AB861**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **F45CA5**, and **7D0041** is the 20% darker color. If you saturate the color by 10%, you get **B80869**, and if you desaturate by 10%, it is **B82C79**.

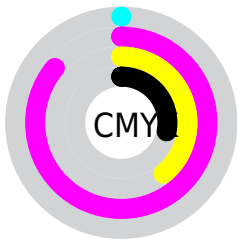
Distribution



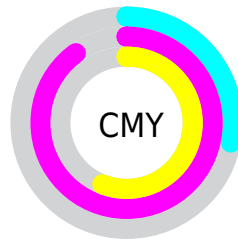
- Red (72%)
- Green (10%)
- Blue (44%)



- Red (72%)
- Yellow (10%)
- Blue (44%)



- Cyan (0%)
- Magenta (86%)
- Yellow (39%)
- Black (28%)



- Cyan (28%)
- Magenta (90%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color B81A71 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 B81A71 by changing the saturation by 10% instead.

 B81A71

 B81A71

FFFFFF

 9A0059

 F45CA5

 7D0041

 FF79C0

 61002B

 FF96DC

 460017

 FFB2F8

 290001

 FFD0FF

 000000

 FFEDFF

 B81A71

 B81A71

 B80869

 B82C79

 B80065

 B83F82

 B8518A

 B86492

 B8769A

 B888A3

 B89BAB

 B8ADB3

 B8C0BB

Harmonies

Analogous

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



943CA3



B81A71



BC213C

Triad

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



B81A71



506B00



0076B7

Complementary

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



B81A71



1AB861

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.



00798A



B81A71



007418

Square

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



B81A71



825B00



007853



006CCD

Rectangle

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



B81A71



B03719



007853



0077AA

Sweetspot

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



B81A71



F0B1D4



5E1AB8



785367



F7F7F7



787878

Same Dimension

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



B81A71



F00084



B81A25



5C5358



9C0056



1C000F

Inverse Universe

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



B81A71



F00084



1AB8AD



5C5358



9C0056



1C000F

Previews

White Background



This preview shows how the Hex color B81A71 looks on a white background.

Color Contrast Check

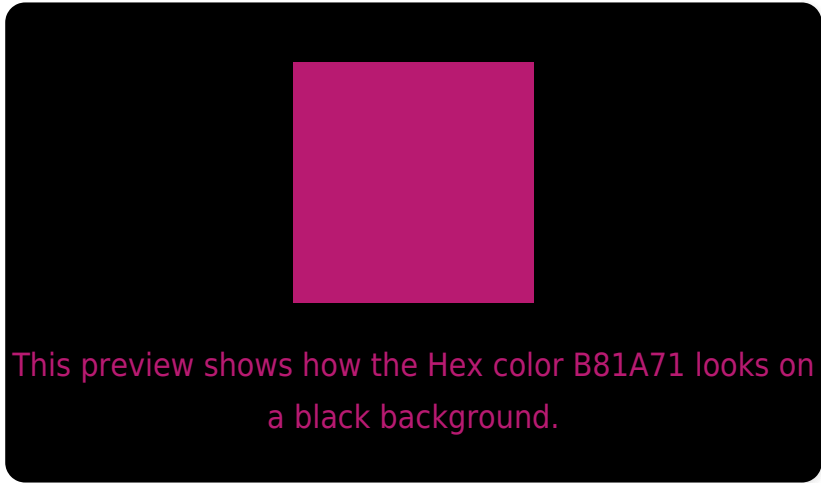
Large Text (above 18pt) WCAG AA ✓ Pass

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 B81A71 Background



This preview shows how black text looks on a background with the Hex color B81A71.

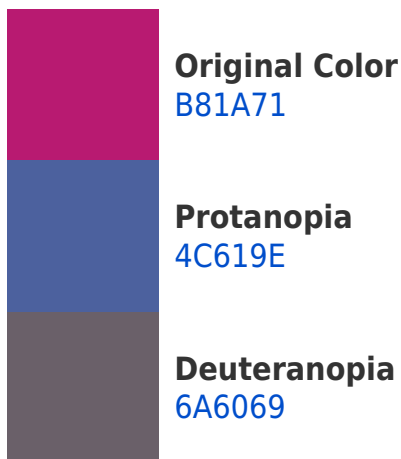


This preview shows how white text looks on a background with the Hex color B81A71.

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



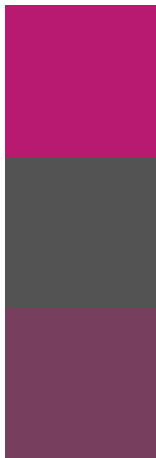
Original Color
B81A71

Protanomaly
73478E

Deuteranomaly
86476C

Tritanomaly
B5294A

Monochromacy



Original Color
B81A71

Achromatopsia
535353

Achromatomaly
783E5E

CSS Examples

Text

The CSS property to change the color of the text to Hex B81A71 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 #B81A71 looks like.

```
.text, #text, p{  
    color:#B81A71  
}
```

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 #B81A71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B81A71
}
```

Border

The CSS property to change the border of an element to Hex B81A71 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
#B81A71 }
```

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

```
.border{ border-color:#B81A71 }
```

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

Here you see how a box with a 4 pixel #B81A71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B81A71; -webkit-box-shadow:4px 4px  
4px 4px #B81A71; box-shadow:4px 4px 4px  
4px #B81A71 }
```

Background

The CSS property to change the background color of an element to Hex B81A71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B81A71 }
```

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

```
.background{ background-color:#B81A71 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor