

Converting Colors

Hex(B81461)

Have a look what the booklet for
Hex(B81461) contains.

Hex(B81461)	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(B81461)

Conversions

Conversions Part 1

Format	Color
Hex	B81461
RGB	184, 20, 97
RGB Percent	72%, 8%, 38%
CMY	0.2784, 0.9216, 0.6196
CMYK	0.00, 0.89, 0.47, 0.28
HSL	332°, 80%, 40%
HSV	332°, 89%, 72%
XYZ	22.1750, 11.5537, 12.3706
YIQ	77.8140, 73.0270, 58.7150

Conversions

Conversions Part 2

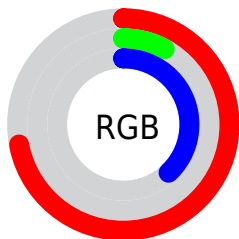
Format	Color
R_{YB}	184, 20, 97
Decimal	12063841
CIE _{Lab}	40.50, 64.28, 0.54
CIE _{LCh}	40, 64.284, 0.485
Yxy	11.5537, 0.4810, 0.2506
Android (android.graphics.Color)	4290253921 (0xFFB81461)
YUV	77.8140, 9.4587, 93.1251
Hunter-Lab	33.9908, 56.9664, 2.2155

Details

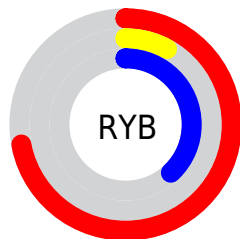
The Hex color **B81461** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **14B86B**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **F55993**, and **7D0033** is the 20% darker color. If you saturate the color by 10%, you get **B80257**, and if you desaturate by 10%, it is **B8266B**.

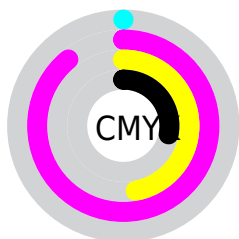
Distribution



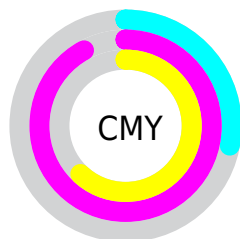
- Red (72%)
- Green (8%)
- Blue (38%)



- Red (72%)
- Yellow (8%)
- Blue (38%)



- Cyan (0%)
- Magenta (89%)
- Yellow (47%)
- Black (28%)



- Cyan (28%)
- Magenta (92%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color B81461 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 B81461 by changing the saturation by 10% instead.

 B81461

 B81461

FFFFFF

 9A0049

 F55993

 7D0033

 FF76AE

 5F001E

 FF93C9

 450004

 FFAFE5

 250001

 FFC0FF

 000000

 FFEAFF

 B81461

 B81461

 B80257

 B8266B

 B80056

 B83975

 B84B7E

 B85E88

 B87092

 B8829C

 B895A5

 B8A7AF

 B8BAB9

Harmonies

Analogous

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



9D3194



B81461



B5282E

Triad

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



B81461



3E6B00



0072BB

Complementary

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



B81461



14B86B

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.



007694



B81461



007227

Square

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



B81461



745E00



00765F



0066CA

Rectangle

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



B81461



A63E06



00765F



0074B1

Sweetspot

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



B81461



F0AFCD



6914B8



785164



F7F7F7



787878

Same Dimension

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



B81461



F00071



B81714



5C5357



9C0049



1C000D

Inverse Universe

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



B81461



F00071



14B5B8



5C5357



9C0049



1C000D

Previews

White Background



This preview shows how the Hex color B81461 looks on a white background.

Color Contrast Check

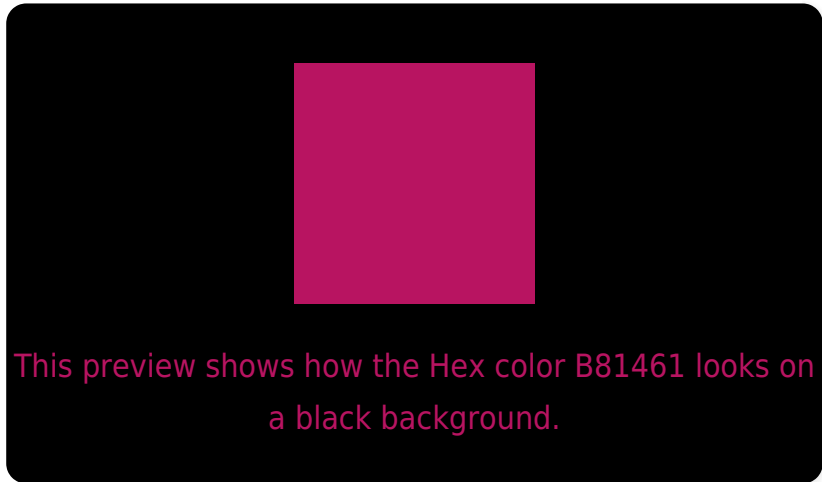
Large Text (above 18pt) WCAG AA ✓ Pass

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 B81461 Background



This preview shows how black text looks on a background with the Hex color B81461.

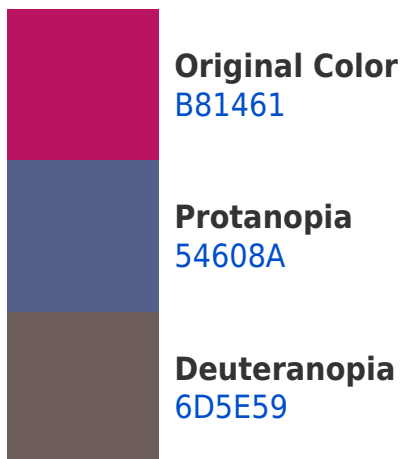


This preview shows how white text looks on a background with the Hex color B81461.

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
B81461



Protanomaly
78447B



Deuteranomaly
88435C

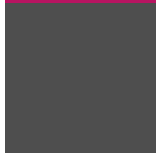


Tritanomaly
B6223F

Monochromacy



Original Color
B81461



Achromatopsia
4E4E4E



Achromatomaly
753955

CSS Examples

Text

The CSS property to change the color of the text to Hex B81461 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 #B81461 looks like.

```
.text, #text, p{  
    color:#B81461  
}
```

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 #B81461 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B81461
}
```

Border

The CSS property to change the border of an element to Hex B81461 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
#B81461 }
```

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

```
.border{ border-color:#B81461 }
```

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

Here you see how a box with a 4 pixel #B81461 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B81461; -webkit-box-shadow:4px 4px  
4px 4px #B81461; box-shadow:4px 4px 4px  
4px #B81461 }
```

Background

The CSS property to change the background color of an element to Hex B81461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B81461 }
```

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

```
.background{ background-color:#B81461 }
```

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