

# Converting Colors

Hex(B81863)

Have a look what the booklet for  
Hex(B81863) contains.

<b>Hex(B81863)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B81863)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B81863
RGB	184, 24, 99
RGB Percent	72%, 9%, 39%
CMY	0.2784, 0.9059, 0.6118
CMYK	0.00, 0.87, 0.46, 0.28
HSL	332°, 77%, 41%
HSV	332°, 87%, 72%
XYZ	22.3459, 11.7445, 12.8935
YIQ	80.3900, 71.2850, 57.2450

# Conversions

## Conversions Part 2

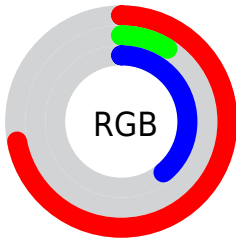
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	184, 24, 99
Decimal	12064867
CIE Lab	40.81, 63.74, -0.27
CIE LCh	41, 63.738, 359.758
Yxy	11.7445, 0.4756, 0.2500
Android (android.graphics.Color)	4290254947 (0xFFB81863)
YUV	80.3900, 9.1747, 90.8660
Hunter-Lab	34.2702, 56.4183, 1.6824

# Details

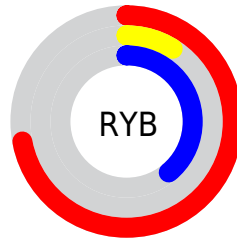
The Hex color **B81863** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **18B86D**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **F55B96**, and **7D0035** is the 20% darker color. If you saturate the color by 10%, you get **B80659**, and if you desaturate by 10%, it is **B82A6D**.

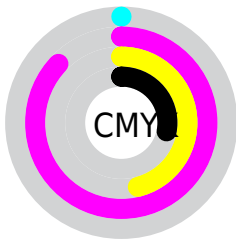
# Distribution



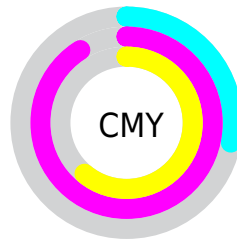
- Red (72%)
- Green (9%)
- Blue (39%)



- Red (72%)
- Yellow (9%)
- Blue (39%)



- Cyan (0%)
- Magenta (87%)
- Yellow (46%)
- Black (28%)



- Cyan (28%)
- Magenta (91%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B81863 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 B81863 by changing the saturation by 10% instead.



 B81863

 B81863

FFFFFF

 9A004B

 F55B96

 7D0035

 FF78B0

 600020

 FF94CC

 450007

 FFB1E8

 260001

 FFCEFF

 000000

 FFECFF

 B81863

 B81863

 B80659

 B82A6D

 B80056

 B83D77

 B84F80

 B8628A

 B87494

 B8869E

 B899A7

 B8ABB1

 B8BEBB

# Harmonies

## Analogous

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



9D3496



B81863



B62930

# Triad

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



B81863



416C00



0072BB

# Complementary

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



B81863



18B86D

# 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.



007693



B81863



007327

# Square

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



B81863



765E00



00765E



0067CA

# Rectangle

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



B81863



A73E0A



00765E



0074B0



# Sweetspot

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



B81863



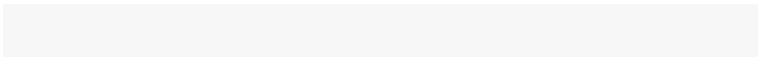
F0B1CF



6B18B8



785364



F7F7F7



787878



# Same Dimension

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



B81863



F00070



B81B18



5C5357



9C0049



1C000D



# Inverse Universe

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



B81863



F00070



18B5B8



5C5357



9C0049



1C000D



# Previews

## White Background



This preview shows how the Hex color B81863 looks on a white background.

## Color Contrast Check

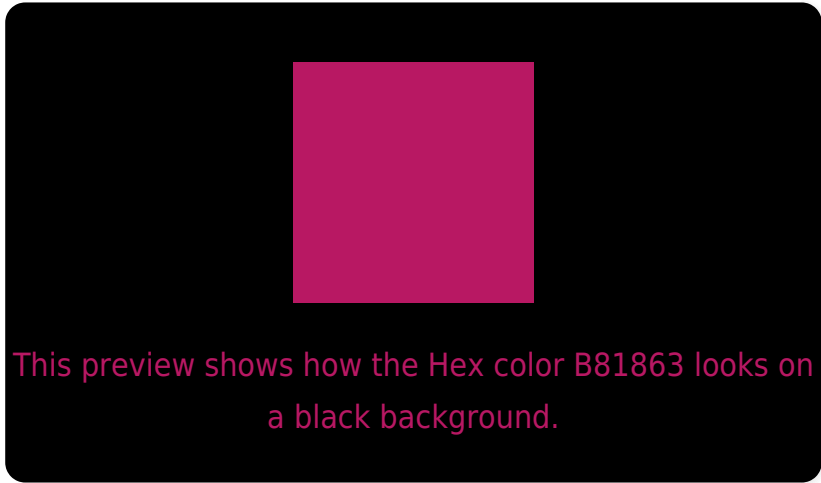
Large Text (above 18pt) WCAG AA ✓ Pass

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 B81863 Background



This preview shows how black text looks on a background with the Hex color B81863.



This preview shows how white text looks on a background with the Hex color B81863.

# Color Blindness Simulation

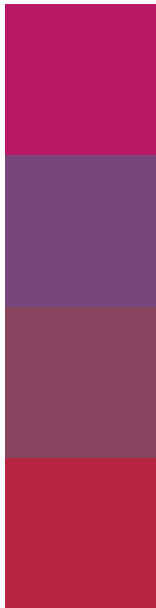
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
B81863

**Protanomaly**  
78467C

**Deuteranomaly**  
88455F

**Tritanomaly**  
B62541

# Monochromacy



**Original Color**  
B81863

**Achromatopsia**  
505050

**Achromatomaly**  
763C57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B81863 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 #B81863 looks like.

```
.text, #text, p{  
    color:#B81863  
}
```

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 #B81863 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B81863
}
```

## Border

The CSS property to change the border of an element to Hex B81863 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".

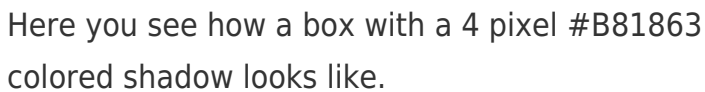
```
.border, #border, table{ border:4px solid
#B81863 }
```

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

```
.border{ border-color:#B81863 }
```

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

Here you see how a box with a 4 pixel #B81863 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B81863; -webkit-box-shadow:4px 4px  
4px 4px #B81863; box-shadow:4px 4px 4px  
4px #B81863 }
```

# Background

The CSS property to change the background color of an element to Hex B81863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B81863 }
```

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

```
.background{ background-color:#B81863 }
```

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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