

# Converting Colors

Hex(B81453)

Have a look what the booklet for  
Hex(B81453) contains.

<b>Hex(B81453)</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(B81453)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B81453
RGB	184, 20, 83
RGB Percent	72%, 8%, 33%
CMY	0.2784, 0.9216, 0.6745
CMYK	0.00, 0.89, 0.55, 0.28
HSL	337°, 80%, 40%
HSV	337°, 89%, 72%
XYZ	21.5787, 11.3152, 9.2303
YIQ	76.2180, 77.5210, 54.3610

# Conversions

## Conversions Part 2

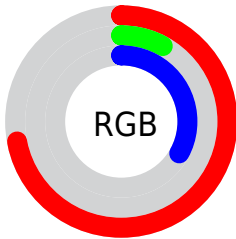
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	184, 20, 83
Decimal	12063827
CIE <sub>Lab</sub>	40.11, 63.18, 8.88
CIE <sub>LCh</sub>	40, 63.805, 7.997
Yxy	11.3152, 0.5123, 0.2686
Android (android.graphics.Color)	4290253907 (0xFFB81453)
YUV	76.2180, 3.3435, 94.5248
Hunter-Lab	33.6381, 55.6403, 7.2774

# Details

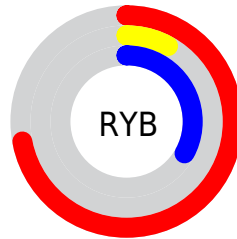
The Hex color **B81453** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **14B879**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **F55984**, and **7C0027** is the 20% darker color. If you saturate the color by 10%, you get **B80248**, and if you desaturate by 10%, it is **B8265E**.

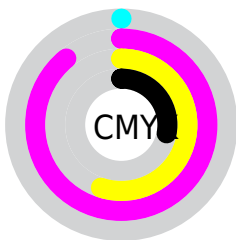
# Distribution



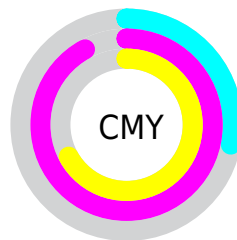
- Red (72%)
- Green (8%)
- Blue (33%)



- Red (72%)
- Yellow (8%)
- Blue (33%)



- Cyan (0%)
- Magenta (89%)
- Yellow (55%)
- Black (28%)



- Cyan (28%)
- Magenta (92%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B81453 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 B81453 by changing the saturation by 10% instead.



 B81453

 B81453

FFFFFF

 9A003C

 F55984

 7C0027

 FF759E

 5E0013

 FF92B9

 440003

 FFAFD5

 220001

 FFCCF1

 000000

 FFE9FF

 B81453

 B81453

 B80248

 B8265E

 B80047

 B8396A

 B84B75

 B85E80

 B8708C

 B88297

 B895A2

 B8A7AE

 B8BAB9

# Harmonies

## Analogous

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



A62887



B81453



AF3020

# Triad

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



B81453



2B6D00



006EC0

# Complementary

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



B81453



14B879

# 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.



00749E



B81453



007235

# Square

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



B81453



676100



00756C



0061C7

# Rectangle

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



B81453



9D4400



00756C



0071B7



# Sweetspot

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



B81453



F0AFC8



7614B8



785160



F7F7F7



787878



# Same Dimension

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



B81453



F0005C



B82414



5C5356



9C003C



1C000B



# Inverse Universe

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



B81453



F0005C



14A8B8



5C5356



9C003C



1C000B



# Previews

## White Background



This preview shows how the Hex color B81453 looks on a white background.

## Color Contrast Check

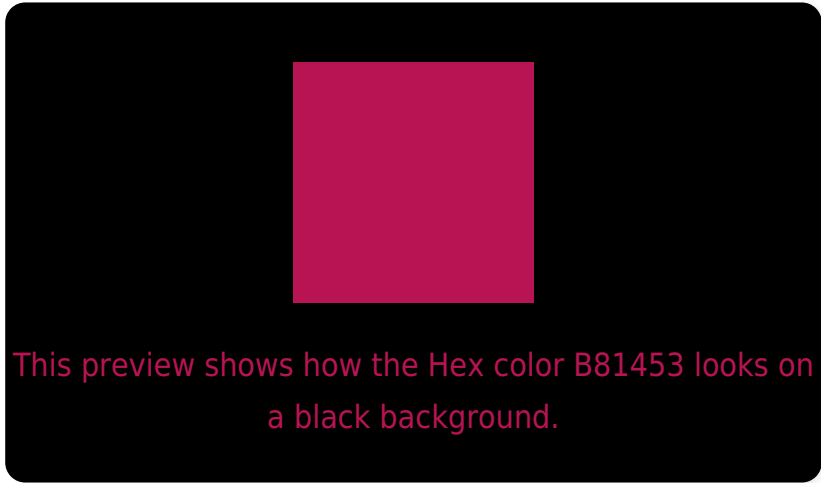
Large Text (above 18pt) WCAG AA ✓ Pass

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 B81453 Background



This preview shows how black text looks on a background with the Hex color B81453.



This preview shows how white text looks on a background with the Hex color B81453.

# 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



**Original Color**  
B81453

**Protanopia**  
5B5F76

**Deuteranopia**  
705C4B



# Trichromacy



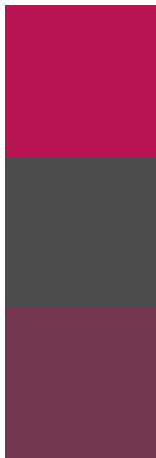
**Original Color**  
B81453

**Protanomaly**  
7D4469

**Deuteranomaly**  
8A424E

**Tritanomaly**  
B71F36

# Monochromacy



**Original Color**  
B81453

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
73384F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B81453 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 #B81453 looks like.

```
.text, #text, p{  
  color:#B81453  
}
```

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 #B81453 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B81453
}
```

## Border

The CSS property to change the border of an element to Hex B81453 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
#B81453 }
```

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

```
.border{ border-color:#B81453 }
```

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

Here you see how a box with a 4 pixel #B81453 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B81453; -webkit-box-shadow:4px 4px  
4px 4px #B81453; box-shadow:4px 4px 4px  
4px #B81453 }
```

# Background

The CSS property to change the background color of an element to Hex B81453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B81453 }
```

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

```
.background{ background-color:#B81453 }
```

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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