

Converting Colors

Hex(B83D96)

Have a look what the booklet for
Hex(B83D96) contains.

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Color

Hex(**B83D96**)

Conversions

Conversions Part 1

Format	Color
Hex	B83D96
RGB	184, 61, 150
RGB Percent	72%, 24%, 59%
CMY	0.2784, 0.7608, 0.4118
CMYK	0.00, 0.67, 0.18, 0.28
HSL	317°, 50%, 48%
HSV	317°, 67%, 72%
XYZ	26.9409, 15.7298, 30.4704
YIQ	107.9230, 44.7390, 53.7550

Conversions

Conversions Part 2

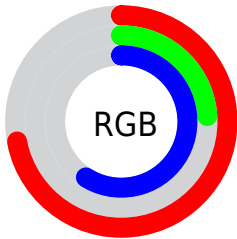
Format	Color
RYB	184, 61, 150
Decimal	12074390
CIELab	46.62, 58.54, -22.86
CIElCh	47, 62.843, 338.672
Yxy	15.7298, 0.3683, 0.2151
Android (android.graphics.Color)	4290264470 (0xFFB83D96)
YUV	107.9230, 20.7440, 66.7195
Hunter-Lab	39.6609, 51.8454, -17.7883

Details

The Hex color **B83D96** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **3DB85F**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **F375CC**, and **7F0063** is the 20% darker color. If you saturate the color by 10%, you get **B82B91**, and if you desaturate by 10%, it is **B84F9B**.

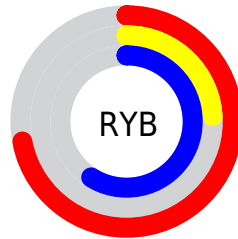
Distribution



Red (72%)

Green (24%)

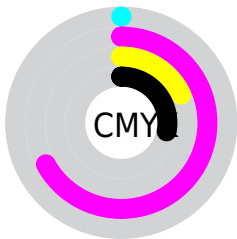
Blue (59%)



Red (72%)

Yellow (24%)

Blue (59%)

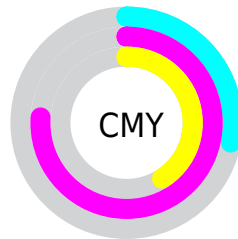


Cyan (0%)

Magenta (67%)

Yellow (18%)

Black (28%)



Cyan (28%)

Magenta (76%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color B83D96 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 B83D96 by changing the saturation by 10% instead.

 B83D96

 B83D96

FFFFFF

 9B1D7C

 F375CC

 7F0063

 FF91E9

 64004B

 FFADFF

 490034

 FFCAFF

 30001F

 FFE7FF

 020000

 000000

 B83D96

 B83D96

 B82B91

 B84F9B

 B8188C

 B862A0

 B80687

 B874A5

 B80085

 B887AA

 B899AF

 B8ABB5

 B8BEBA

 B8D0BF

 B8E3C4

Harmonies

Analogous

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



8259C2



B83D96



CB3162

Triad

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



B83D96



787100



0085B0

Complementary

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



B83D96



3DB85F

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.



00867D



B83D96



3D7D08

Square

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



B83D96



A35E00



008446



007ED1

Rectangle

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



B83D96



C73C3F



008446



0086A0

Sweetspot

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



B83D96



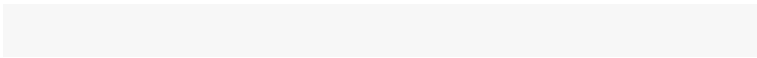
F0C0E2



5E3DB8



785B70



F7F7F7



787878

Same Dimension

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



B83D96



F030BB



B83D5A



5C5359



9C0071



1C0014

Inverse Universe

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



B83D96



F030BB



3DB89B



5C5359



9C0071



1C0014

Previews

White Background



This preview shows how the Hex color B83D96 looks on a white background.

Color Contrast Check

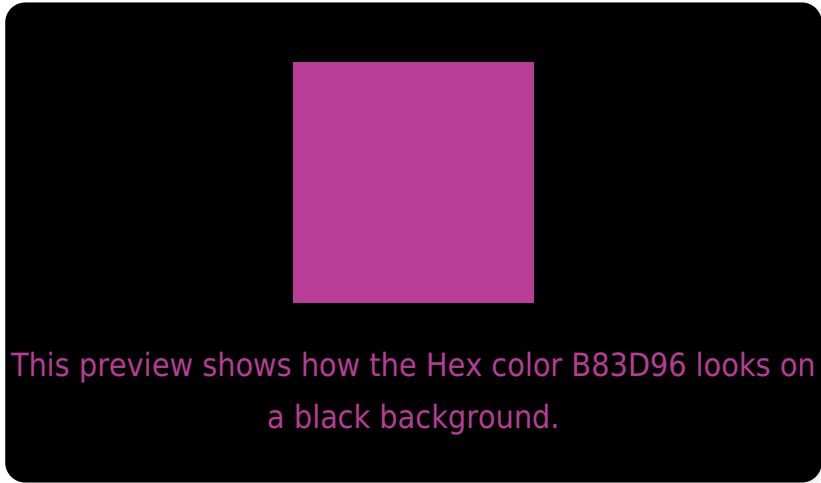
Large Text (above 18pt) WCAG AA ✓ Pass

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

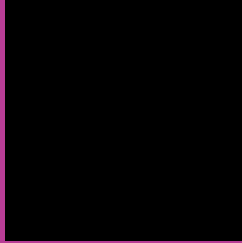
Any Text WCAG AA × Fail

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 B83D96 Background



This preview shows how black text looks on a background with the Hex color B83D96.



This preview shows how white text looks on a background with the Hex color B83D96.

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](#).

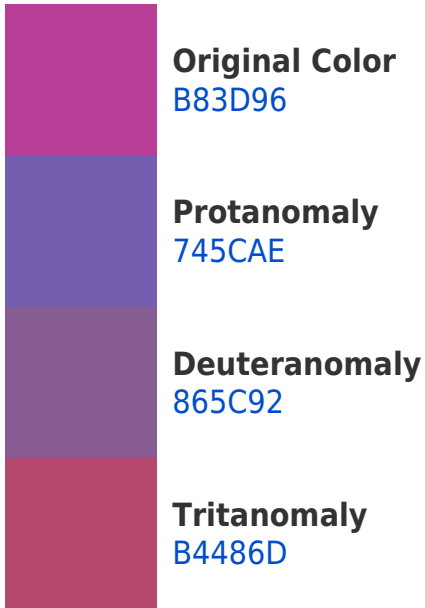
Dichromacy



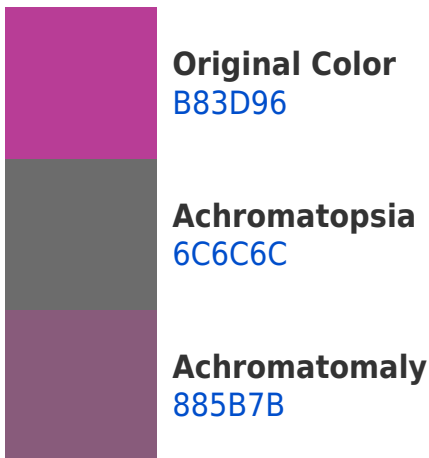


Tritanopia
B24F55

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B83D96 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 #B83D96 looks like.

```
.text, #text, p{  
    color:#B83D96  
}
```

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 #B83D96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B83D96
}
```

Border

The CSS property to change the border of an element to Hex B83D96 is called "border". The border property can be set on classes, ids or directly on the HTML element.

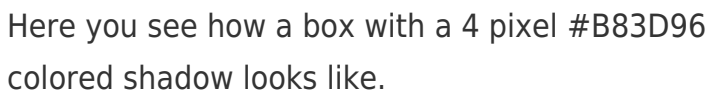
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B83D96 }
```

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

```
.border{ border-color:#B83D96 }
```

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



Here you see how a box with a 4 pixel #B83D96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B83D96; -webkit-box-shadow:4px 4px  
4px 4px #B83D96; box-shadow:4px 4px 4px  
4px #B83D96 }
```

Background

The CSS property to change the background color of an element to Hex B83D96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B83D96 }
```

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

```
.background{ background-color:#B83D96 }
```

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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