

Converting Colors

Hex(B83EA2)

Have a look what the booklet for
Hex(B83EA2) contains.

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Color

Hex(B83EA2)

Conversions

Conversions Part 1

Format	Color
Hex	B83EA2
RGB	184, 62, 162
RGB Percent	72%, 24%, 64%
CMY	0.2784, 0.7569, 0.3647
CMYK	0.00, 0.66, 0.12, 0.28
HSL	311°, 50%, 48%
HSV	311°, 66%, 72%
XYZ	28.0114, 16.2442, 35.8415
YIQ	109.8780, 40.6120, 56.9640

Conversions

Conversions Part 2

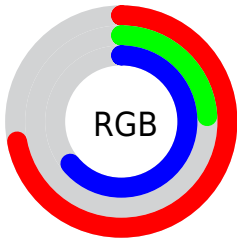
Format	Color
RYB	184, 62, 162
Decimal	12074658
CIELab	47.29, 59.92, -28.97
CIElCh	47, 66.556, 334.200
Yxy	16.2442, 0.3497, 0.2028
Android (android.graphics.Color)	4290264738 (0xFFB83EA2)
YUV	109.8780, 25.6961, 65.0050
Hunter-Lab	40.3041, 53.5253, -24.5123

Details

The Hex color **B83EA2** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3EB854**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **F376D9**, and **7F006E** is the 20% darker color. If you saturate the color by 10%, you get **B82C9F**, and if you desaturate by 10%, it is **B850A5**.

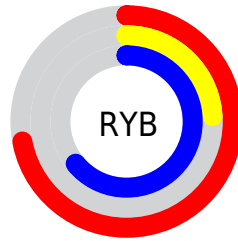
Distribution



Red (72%)

Green (24%)

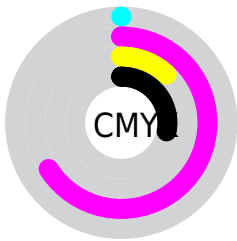
Blue (64%)



Red (72%)

Yellow (24%)

Blue (64%)

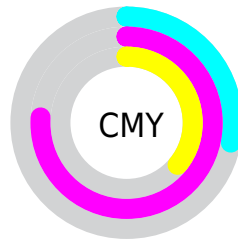


Cyan (0%)

Magenta (66%)

Yellow (12%)

Black (28%)



Cyan (28%)

Magenta (76%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color B83EA2 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 B83EA2 by changing the saturation by 10% instead.

 B83EA2

 B83EA2

FFFFFF

 9B1E88

 F376D9

 7F006E

 FF92F6

 640055

 FFAEFF

 49003E

 FFCBFF

 310028

 FFE8FF

 050010

 000000

 B83EA2

 B83EA2

 B82C9F

 B850A5

 B8199B

 B863A9

 B80798

 B875AC

 B80097

 B888AF

 B89AB3

 B8ACB6

 B8BFB9

 B8D1BD

 B8E4C0

Harmonies

Analogous

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



775DCE



B83EA2



D12A6B

Triad

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



B83EA2



817000



0088AE

Complementary

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



B83EA2



3EB854

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.



008977



B83EA2



467E00

Square

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



B83EA2



AD5A00



00863C



0083D5

Rectangle

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



B83EA2



CF3446



00863C



00899D

Sweetspot

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



B83EA2



F0C0E7



523EB8



785B73



F7F7F7



787878

Same Dimension

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



B83EA2



F030CD



B83E67



5C535A



9C007F



1C0017

Inverse Universe

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



B83EA2



F030CD



3EB88F



5C535A



9C0080



1C0017

Previews

White Background



This preview shows how the Hex color B83EA2 looks on a white background.

Color Contrast Check

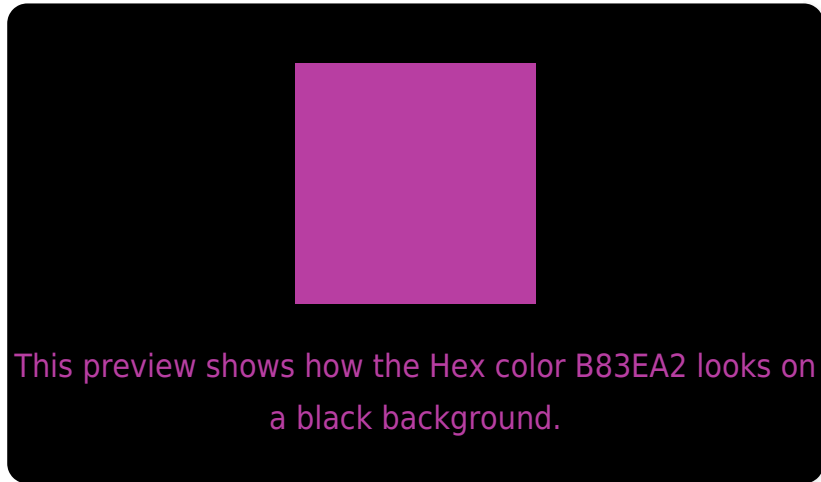
Large Text (above 18pt) WCAG AA ✓ Pass

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

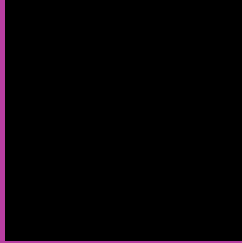
Any Text WCAG AA × Fail

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 B83EA2 Background



This preview shows how black text looks on a background with the Hex color B83EA2.

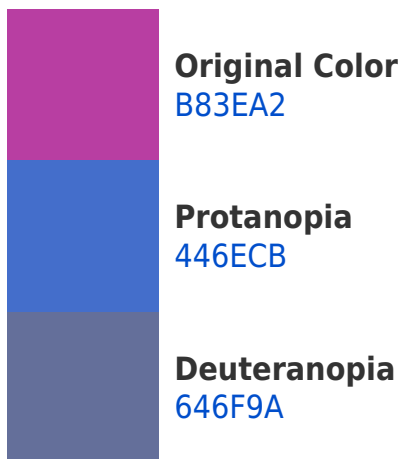


This preview shows how white text looks on a background with the Hex color B83EA2.

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](#).

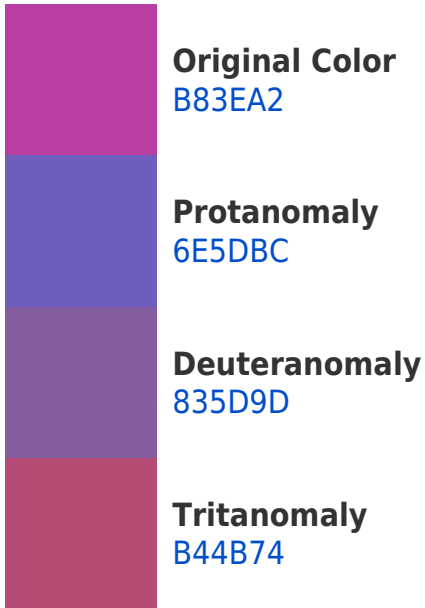
Dichromacy





Tritanopia
B15359

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B83EA2 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 #B83EA2 looks like.

```
.text, #text, p{  
    color:#B83EA2  
}
```

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 #B83EA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B83EA2
}
```

Border

The CSS property to change the border of an element to Hex B83EA2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

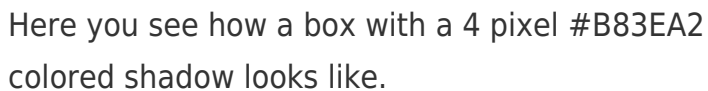
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B83EA2 }
```

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

```
.border{ border-color:#B83EA2 }
```

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



Here you see how a box with a 4 pixel #B83EA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B83EA2; -webkit-box-shadow:4px 4px  
4px 4px #B83EA2; box-shadow:4px 4px 4px  
4px #B83EA2 }
```

Background

The CSS property to change the background color of an element to Hex B83EA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B83EA2 }
```

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

```
.background{ background-color:#B83EA2 }
```

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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