

# Converting Colors

Hex(83BD92)

Have a look what the booklet for  
Hex(83BD92) contains.

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# **Color**

**Hex(83BD92)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83BD92
RGB	131, 189, 146
RGB Percent	51%, 74%, 57%
CMY	0.4863, 0.2588, 0.4275
CMYK	0.31, 0.00, 0.23, 0.26
HSL	136°, 31%, 63%
HSV	136°, 31%, 74%
XYZ	32.7460, 43.2958, 33.8252
YIQ	166.7560, -20.7650, -25.6690

# Conversions

## Conversions Part 2

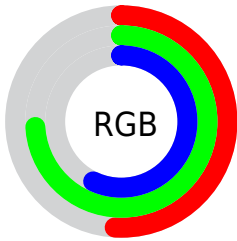
Format	Color
<a href="#">RYB</a>	<a href="#">131, 177, 189</a>
Decimal	<a href="#">8633746</a>
CIELab	<a href="#">71.76, -27.74, 15.85</a>
CIELCh	<a href="#">72, 31.946, 150.257</a>
Yxy	<a href="#">43.2958, 0.2981, 0.3941</a>
Android (android.graphics.Color)	<a href="#">4286823826</a> ( <a href="#">0xFF83BD92</a> )
YUV	<a href="#">166.7560, -10.2327, -31.3580</a>
Hunter-Lab	<a href="#">65.7996, -26.3164, 15.5808</a>

# Details

The Hex color **83BD92** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BD83AE**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **B9F6C8**, and **4F875F** is the 20% darker color. If you saturate the color by 10%, you get **70BD84**, and if you desaturate by 10%, it is **96BDA0**.

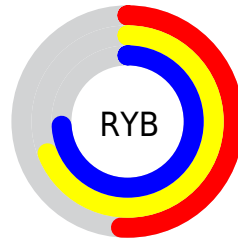
# Distribution



Red (51%)

Green (74%)

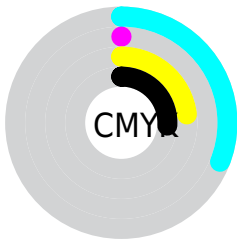
Blue (57%)



Red (51%)

Yellow (69%)

Blue (74%)

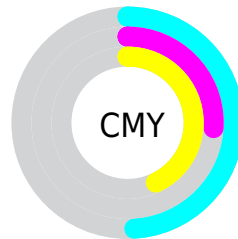


Cyan (31%)

Magenta (0%)

Yellow (23%)

Black (26%)



Cyan (49%)

Magenta (26%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83BD92 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 83BD92 by changing the saturation by 10% instead.





83BD92



83BD92

FFFFFF



69A278



B9F6C8



4F875F



D6FFE4



366E47



F2FFFF



1D5531



003D1B



002703



000C00



000000



83BD92



83BD92

 70BD84

 96BDA0

 5DBD76

 A9BDAE

 4ABD68

 BCBDBC

 37BD5A

 CFBDC A

 24BD4C

 E2BDD8

 12BD3E

 F4BDE6

 00BD31

 FFBDF4

 FFBDF F

# Harmonies

## Analogous

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



A5B77D



83BD92



62C0AF

# Triad

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



83BD92



89B2EA



E99C94

# Complementary

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



83BD92



BD83AE

# 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.



E79AB1



83BD92



B4A8E2

# Square

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



83BD92



60BAE2



D59FCD



DCA47E

# Rectangle

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



83BD92



52C0C3



D59FCD



EA9B9D



# Sweetspot

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



83BD92



DFF5E4



AFBD83



6D7A70



FAFAFA



7A7A7A

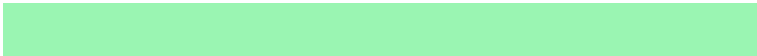


# Same Dimension

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



83BD92



9AF5B2



83BDAF



555E57



009E29



001F08



# Inverse Universe

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



BD83AE



F59ADD



BD8392



5E555C



9E0075

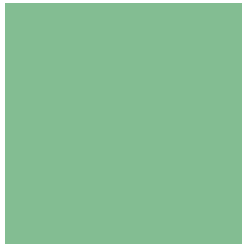


1F0017



# Previews

## White Background



This preview shows how the Hex color 83BD92 looks on a white background.

## Color Contrast Check

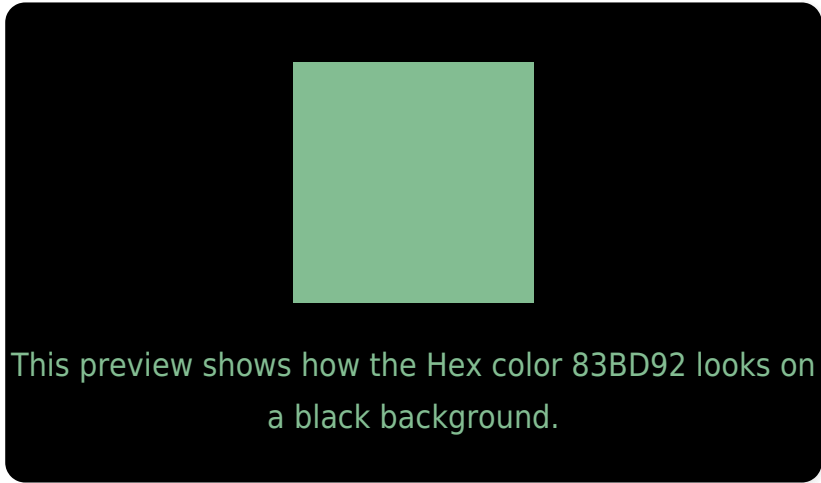
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

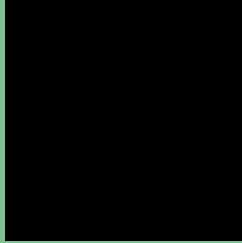
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 83BD92 Background



This preview shows how black text looks on a background with the Hex color 83BD92.

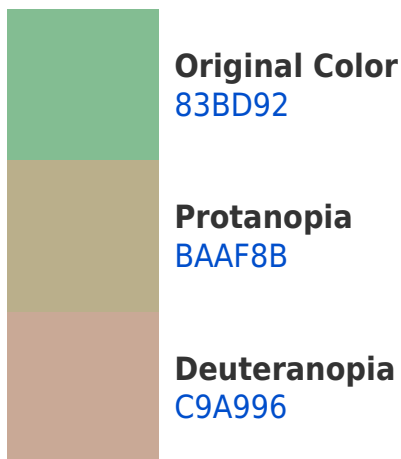


This preview shows how white text looks on a background with the Hex color 83BD92.

# 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**  
8DB6C5

# Trichromacy



**Original Color**  
83BD92

**Protanomaly**  
A6B48E

**Deuteranomaly**  
B0B095

**Tritanomaly**  
89B9B2

# Monochromacy



**Original Color**  
83BD92

**Achromatopsia**  
A7A7A7

**Achromatomaly**  
9AAF9F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83BD92 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 #83BD92 looks like.

```
.text, #text, p{  
    color:#83BD92  
}
```

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 #83BD92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83BD92
}
```

## Border

The CSS property to change the border of an element to Hex 83BD92 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
#83BD92 }
```

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

```
.border{ border-color:#83BD92 }
```

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

Here you see how a box with a 4 pixel #83BD92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83BD92; -webkit-box-shadow:4px 4px  
4px 4px #83BD92; box-shadow:4px 4px 4px  
4px #83BD92 }
```

# Background

The CSS property to change the background color of an element to Hex 83BD92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83BD92 }
```

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

```
.background{ background-color:#83BD92 }
```

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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