

# Converting Colors

Hex(81BB92)

Have a look what the booklet for  
Hex(81BB92) contains.

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**Color**

**Hex(81BB92)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81BB92
RGB	129, 187, 146
RGB Percent	51%, 73%, 57%
CMY	0.4941, 0.2667, 0.4275
CMYK	0.31, 0.00, 0.22, 0.27
HSL	138°, 30%, 62%
HSV	138°, 31%, 73%
XYZ	32.0119, 42.2831, 33.6684
YIQ	164.9840, -21.4070, -25.0470

# Conversions

## Conversions Part 2

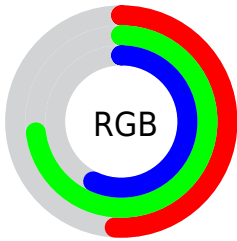
Format	Color
<a href="#">RYB</a>	<a href="#">129, 174, 187</a>
Decimal	<a href="#">8502162</a>
CIELab	<a href="#">71.07, -27.40, 14.87</a>
CIELCh	<a href="#">71, 31.179, 151.516</a>
Yxy	<a href="#">42.2831, 0.2965, 0.3916</a>
Android (android.graphics.Color)	<a href="#">4286692242 (0xFF81BB92)</a>
YUV	<a href="#">164.9840, -9.3591, -31.5580</a>
Hunter-Lab	<a href="#">65.0255, -25.9194, 14.8191</a>

# Details

The Hex color **81BB92** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BB81AA**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **B7F3C8**, and **4D855F** is the 20% darker color. If you saturate the color by 10%, you get **6EBB85**, and if you desaturate by 10%, it is **94BB9F**.

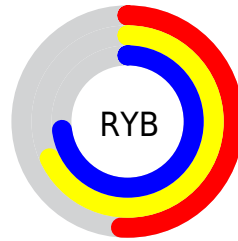
# Distribution



Red (51%)

Green (73%)

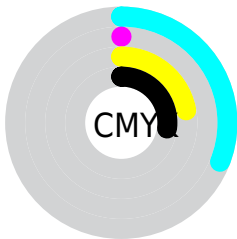
Blue (57%)



Red (51%)

Yellow (68%)

Blue (73%)

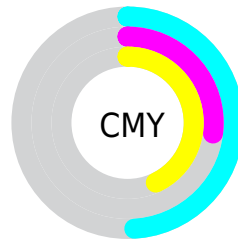


Cyan (31%)

Magenta (0%)

Yellow (22%)

Black (27%)



Cyan (49%)

Magenta (27%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81BB92 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 81BB92 by changing the saturation by 10% instead.





81BB92



81BB92

FFFFFF



67A078



B7F3C8



4D855F



D3FFE4



346C48



F0FFFF



1B5331



003C1C



002603



000700



000000



81BB92



81BB92

 6EBB85

 94BB9F

 5CBB78

 A6BBAC

 49BB6A


 B9BBBA

 36BB5D

 CCBBC7

 23BB50

 DFBBD4

 11BB43

 F1BBE1

 00BB37

 FFBBEF

 FFBBFC

 FFBBFF

# Harmonies

## Analogous

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



A2B57D



81BB92



61BEAE

# Triad

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



81BB92



8BB0E6



E59B92

# Complementary

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



81BB92



BB81AA

# 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.



E499AE



81BB92



B4A6DE

# Square

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



81BB92



63B8DF



D39DCA



D8A37D

# Rectangle

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



81BB92



53BDC2



D39DCA



E79A9A



# Sweetspot

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



81BB92



DCF2E3



ABBB81



6D7A71



FAFAFA



7A7A7A

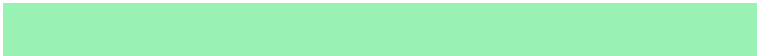


# Same Dimension

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



81BB92



99F2B3



81BBAE



555E58



009E2E



001F09



# Inverse Universe

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



BB81AA



F299D8



BB818E



5E555C



9E0070



1F0016



# Previews

## White Background



This preview shows how the Hex color 81BB92 looks on a white background.

## Color Contrast Check

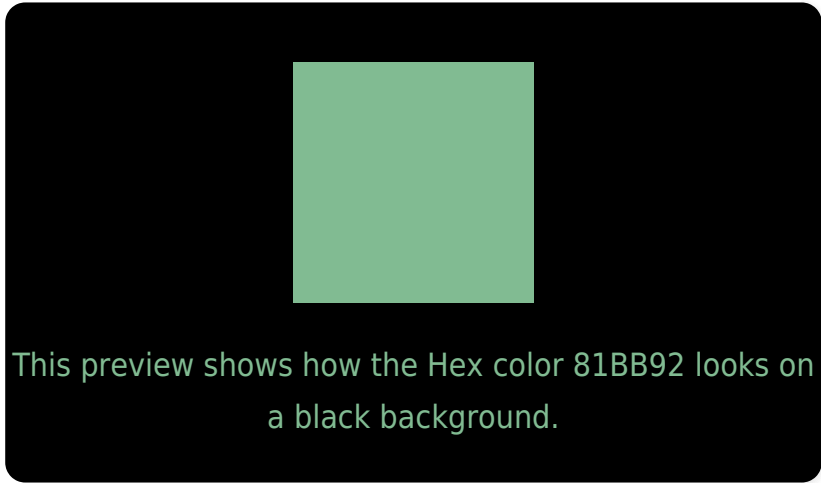
Large Text (above 18pt) WCAG AA × Fail

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

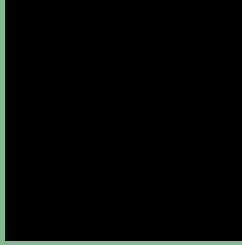
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 81BB92 Background



This preview shows how black text looks on a background with the Hex color 81BB92.

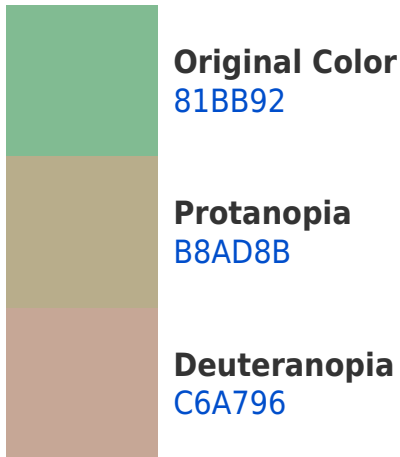


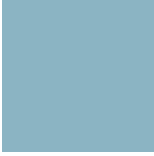
This preview shows how white text looks on a background with the Hex color 81BB92.

# 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**  
8BB4C3

# Trichromacy



**Original Color**  
81BB92

**Protanomaly**  
A4B28E

**Deuteranomaly**  
ADA E95

**Tritanomaly**  
87B7B1

# Monochromacy



**Original Color**  
81BB92

**Achromatopsia**  
A5A5A5

**Achromatomaly**  
98AD9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81BB92 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 #81BB92 looks like.

```
.text, #text, p{  
    color:#81BB92  
}
```

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 #81BB92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81BB92
}
```

## Border

The CSS property to change the border of an element to Hex 81BB92 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
#81BB92 }
```

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

```
.border{ border-color:#81BB92 }
```

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

Here you see how a box with a 4 pixel #81BB92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81BB92; -webkit-box-shadow:4px 4px  
4px 4px #81BB92; box-shadow:4px 4px 4px  
4px #81BB92 }
```

# Background

The CSS property to change the background color of an element to Hex 81BB92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81BB92 }
```

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

```
.background{ background-color:#81BB92 }
```

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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