

Converting Colors

Hex(83BABA)

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

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Color

Hex(83BABA)

Conversions

Conversions Part 1

Format	Color
Hex	83BABA
RGB	131, 186, 186
RGB Percent	51%, 73%, 73%
CMY	0.4863, 0.2706, 0.2706
CMYK	0.30, 0.00, 0.00, 0.27
HSL	180°, 28%, 62%
HSV	180°, 30%, 73%
XYZ	35.7819, 43.4883, 52.9625
YIQ	169.5550, -32.7800, -11.6600

Conversions

Conversions Part 2

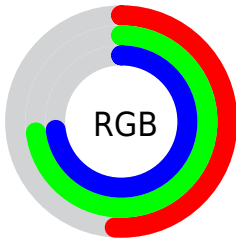
Format	Color
RYB	131, 159, 186
Decimal	8633018
CIELab	71.89, -17.78, -5.76
CIELCh	72, 18.694, 197.956
Yxy	43.4883, 0.2706, 0.3289
Android (android.graphics.Color)	4286823098 (0xFF83BABA)
YUV	169.5550, 8.1074, -33.8127
Hunter-Lab	65.9456, -18.5513, -1.4553

Details

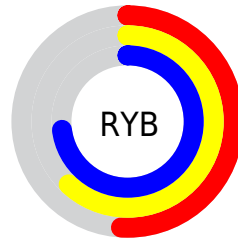
The Hex color **83BABA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BA8383**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **BAF2F2**, and **4F8585** is the 20% darker color. If you saturate the color by 10%, you get **70BABA**, and if you desaturate by 10%, it is **96BABA**.

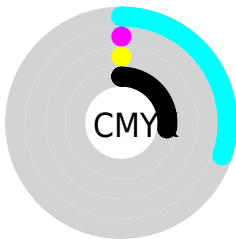
Distribution



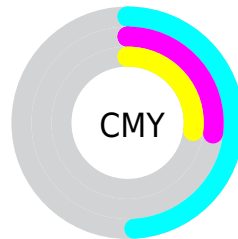
- Red (51%)
- Green (73%)
- Blue (73%)



- Red (51%)
- Yellow (62%)
- Blue (73%)



- Cyan (30%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (49%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

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

 83BABA

 83BABA

FFFFFF

 699F9F

 BAF2F2

 4F8585

 D6FFFF

 356B6C

 F3FFFF

 1A5354

 003C3C

 002627

 000D12

 000000

 83BABA

 83BABA

70BABA

96BABA

5EBABA

A8BABA

4BBABA

BBBABA

39BABA

CDBABA

26BABA

E0BABA

13BABA

F3BABA

01BABA

FFBABA

00BABA

Harmonies

Analogous

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



8DBAA8



83BABA



85B8C9

Triad

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



83BABA



C0A9C7



C4AD8F

Complementary

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



83BABA



BA8383

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.



D0A798



83BABA



CEA5B8

Square

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



83BABA



AAAED0



D4A4A6



B3B290

Rectangle

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



83BABA



8EB5CF



D4A4A6



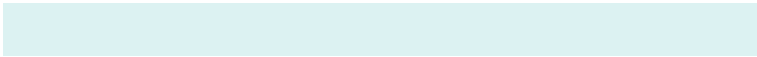
C9AB91

Sweetspot

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



83BABA



DCF2F2



83BA83



6D7A7A



FAFAFA



7A7A7A

Same Dimension

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



83BABA



9DF2F2



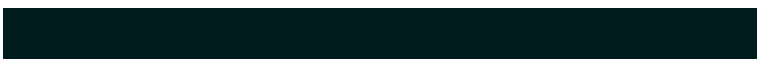
839FBA



535C5C



009C9C



001C1C

Inverse Universe

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



BA83BA



F29DF2



BA9F83



5C535C



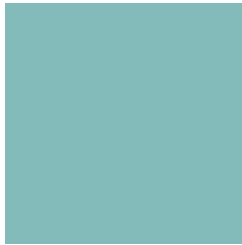
9C009C



1C001C

Previews

White Background



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

Color Contrast Check

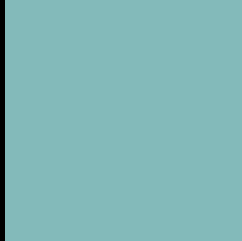
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 83BABA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

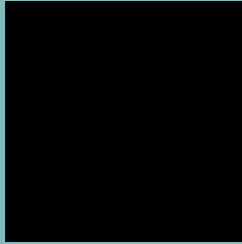
Any Text WCAG AA ✓ Pass

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 83BABA Background



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

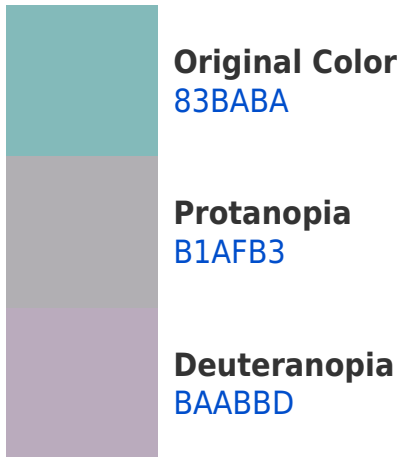


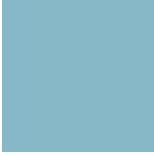
This preview shows how white text looks on a background with the Hex color 83BABA.

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](#).

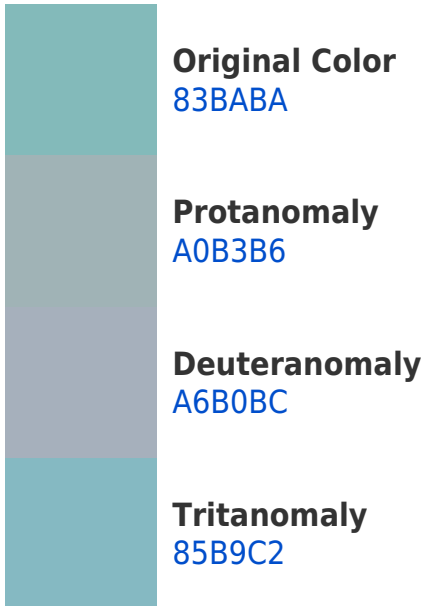
Dichromacy



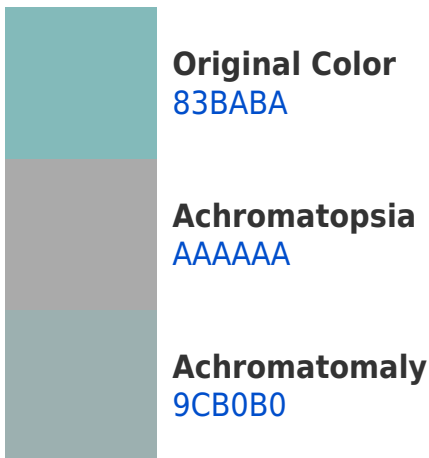


Tritanopia
86B8C7

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #83BABA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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