

Converting Colors

Hex(83A9B6)

Have a look what the booklet for
Hex(83A9B6) contains.

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Color

Hex(83A9B6)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 83A9B6 |
| RGB | 131, 169, 182 |
| RGB Percent | 51%, 66%, 71% |
| CMY | 0.4863, 0.3373, 0.2863 |
| CMYK | 0.28, 0.07, 0.00, 0.29 |
| HSL | 195°, 26%, 61% |
| HSV | 195°, 28%, 71% |
| XYZ | 31.9915, 36.5786, 49.6302 |
| YIQ | 159.1200, -26.8210, -4.0130 |

Conversions

Conversions Part 2

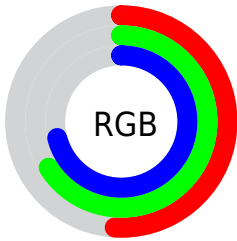
| Format | Color |
|-------------------------------------|---|
| RYB | 131, 153, 182 |
| Decimal | 8628662 |
| CIELab | 66.96, -9.78, -10.88 |
| CIElCh | 67, 14.633, 228.061 |
| Yxy | 36.5786, 0.2707, 0.3095 |
| Android (android.graphics.Color) | 4286818742 (0xFF83A9B6) |
| YUV | 159.1200, 11.2798, -24.6612 |
| Hunter-Lab | 60.4803, -11.4214, -6.3173 |

Details

The Hex color **83A9B6** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B69083**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **B9E0EE**, and **507581** is the 20% darker color. If you saturate the color by 10%, you get **71A4B6**, and if you desaturate by 10%, it is **95AEB6**.

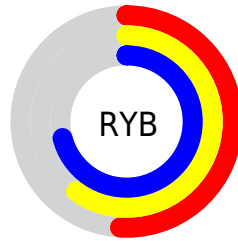
Distribution



Red (51%)

Green (66%)

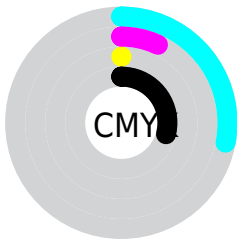
Blue (71%)



Red (51%)

Yellow (60%)

Blue (71%)

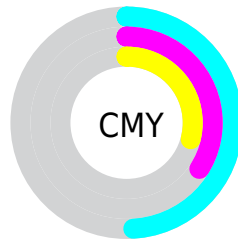


Cyan (28%)

Magenta (7%)

Yellow (0%)

Black (29%)



Cyan (49%)

Magenta (34%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83A9B6 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 83A9B6 by changing the saturation by 10% instead.



83A9B6



83A9B6

FFFFFF



698F9B



B9E0EE



507581



D5FDFF



375C68



F2FFFF



1E4550



022E39



001A23



00010D



000000



83A9B6



83A9B6

71A4B6

95AEB6

5FA0B6

A7B2B6

4C9BB6

BAB7B6

3A96B6

CCBCB6

2892B6

DEC0B6

168DB6

F0C5B6

0489B6

FFC9B6

0088B6

FFCEB6

FFD3B6

Harmonies

Analogous

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



81ABAB



83A9B6



8EA6BC

Triad

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



83A9B6



BA9AA9



A5A58A

Complementary

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



83A9B6



B69083

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.



B3A089



83A9B6



BF9A9B

Square

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



83A9B6



AF9DB5



BC9C90



96A891

Rectangle

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



83A9B6



99A3BD



BC9C90



AAA389

Sweetspot

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



83A9B6



DAE8ED



83B690



6C7578



F7F7F7



787878

Same Dimension

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



83A9B6



9DD9ED



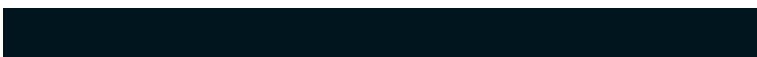
8390B6



53595C



00749C



00151C

Inverse Universe

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



B683A9



ED9DD9



B6A983



5C5359



9C0074



1C0015

Previews

White Background



This preview shows how the Hex color 83A9B6 looks on a white background.

Color Contrast Check

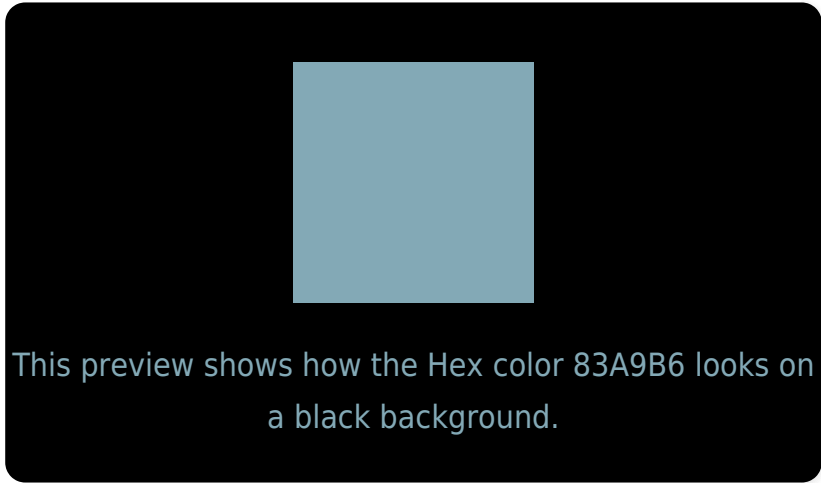
Large Text (above 18pt) WCAG AA × Fail

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

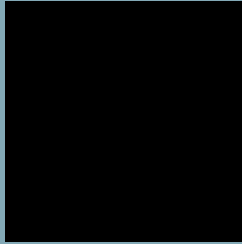
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

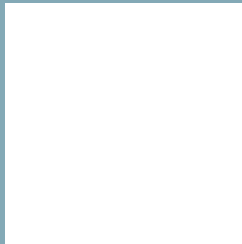
Any Text WCAG AAA ✓ Pass

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

Hex 83A9B6 Background



This preview shows how black text looks on a background with the Hex color 83A9B6.

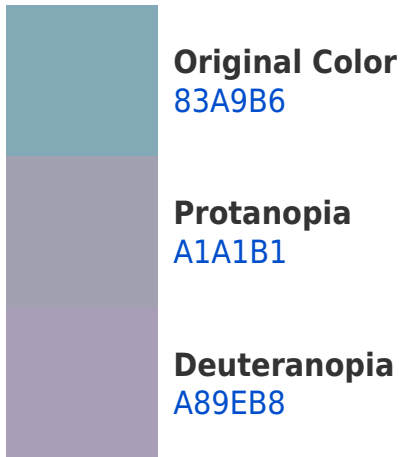


This preview shows how white text looks on a background with the Hex color 83A9B6.

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](#).

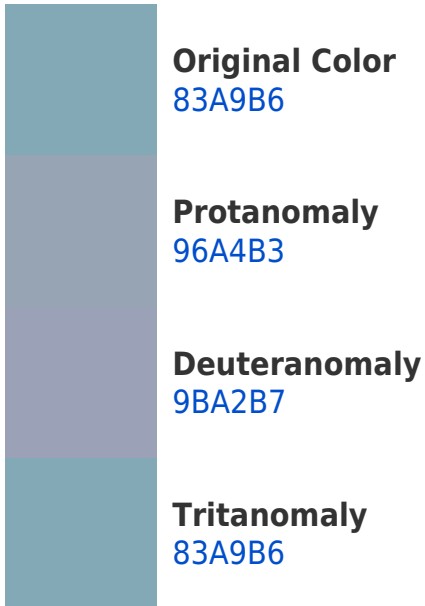
Dichromacy



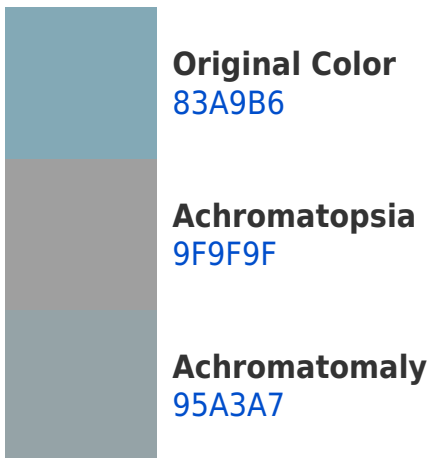


Tritanopia
83A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83A9B6 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 #83A9B6 looks like.

```
.text, #text, p{  
    color:#83A9B6  
}
```

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 #83A9B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83A9B6
}
```

Border

The CSS property to change the border of an element to Hex 83A9B6 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
#83A9B6 }
```

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

```
.border{ border-color:#83A9B6 }
```

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

Here you see how a box with a 4 pixel #83A9B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83A9B6; -webkit-box-shadow:4px 4px  
4px 4px #83A9B6; box-shadow:4px 4px 4px  
4px #83A9B6 }
```

Background

The CSS property to change the background color of an element to Hex 83A9B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83A9B6 }
```

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

```
.background{ background-color:#83A9B6 }
```

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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