

Converting Colors

Hex(83A9C2)

Have a look what the booklet for
Hex(83A9C2) contains.

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Color

Hex(83A9C2)

Conversions

Conversions Part 1

Format	Color
Hex	83A9C2
RGB	131, 169, 194
RGB Percent	51%, 66%, 76%
CMY	0.4863, 0.3373, 0.2392
CMYK	0.32, 0.13, 0.00, 0.24
HSL	204°, 34%, 64%
HSV	204°, 32%, 76%
XYZ	33.2856, 37.0963, 56.4449
YIQ	160.4880, -30.6730, -0.2810

Conversions

Conversions Part 2

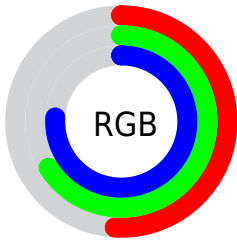
Format	Color
RYB	131, 155, 194
Decimal	8628674
CIELab	67.35, -6.83, -16.96
CIELCh	67, 18.282, 248.060
Yxy	37.0963, 0.2624, 0.2925
Android (android.graphics.Color)	4286818754 (0xFF83A9C2)
YUV	160.4880, 16.5214, -25.8610
Hunter-Lab	60.9067, -9.0361, -12.3119

Details

The Hex color **83A9C2** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C29C83**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BAE0FB**, and **4F758C** is the 20% darker color. If you saturate the color by 10%, you get **70A1C2**, and if you desaturate by 10%, it is **96B1C2**.

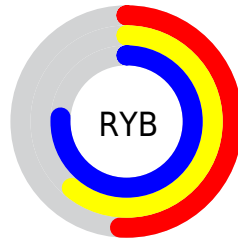
Distribution



Red (51%)

Green (66%)

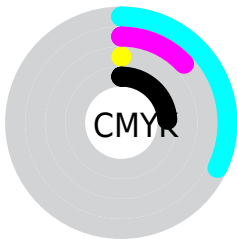
Blue (76%)



Red (51%)

Yellow (61%)

Blue (76%)

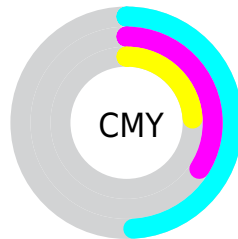


Cyan (32%)

Magenta (13%)

Yellow (0%)

Black (24%)



Cyan (49%)

Magenta (34%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83A9C2 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 83A9C2 by changing the saturation by 10% instead.



83A9C2



83A9C2

FFFFFF



698FA7



BAE0FB



4F758C



D6FDFF



365C73



F3FFFF



1B455A



002F43



001A2C



000118



000000



83A9C2



83A9C2

70A1C2

96B1C2

5C9AC2

AAB8C2

4992C2

BDC0C2

358AC2

D1C8C2

2283C2

E4CFC2

0F7BC2

F7D7C2

0075C2

FFDFC2

FFE7C2

FFEEC2

Harmonies

Analogous

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



78ACB8



83A9C2



97A4C4

Triad

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



83A9C2



C698A0



9AA98A

Complementary

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



83A9C2



C29C83

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.



ACA483



83A9C2



C59A90

Square

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



83A9C2



BD9AB1



BC9F86



87AC97

Rectangle

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



83A9C2



A6A0C1



BC9F86



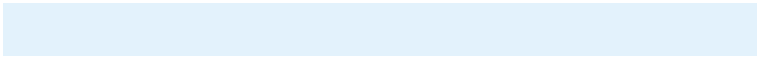
A0A887

Sweetspot

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



83A9C2



E3F2FC



83C29B



707980



000000



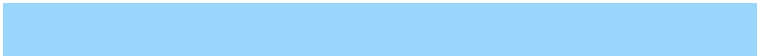
808080

Same Dimension

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



83A9C2



9AD5FC



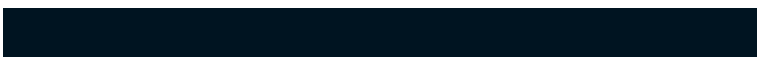
838AC2



575D61



0061A1



001421

Inverse Universe

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



C283A9



FC9AD5



C2BB83



61575D



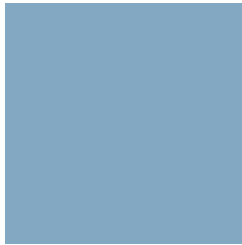
A10061



210014

Previews

White Background



This preview shows how the Hex color 83A9C2 looks on a white background.

Color Contrast Check

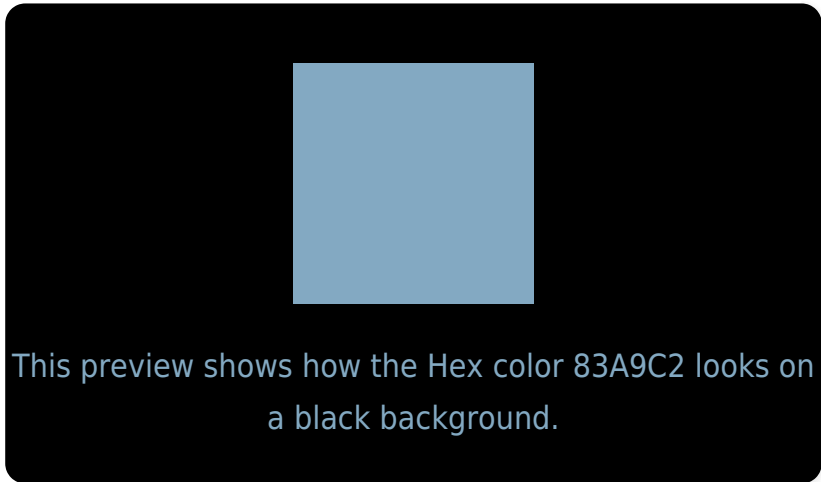
Large Text (above 18pt) WCAG AA × Fail

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

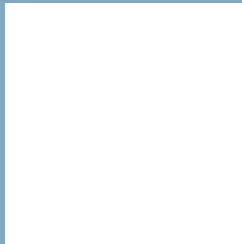
Any Text WCAG AAA ✓ Pass

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

Hex 83A9C2 Background



This preview shows how black text looks on a background with the Hex color 83A9C2.

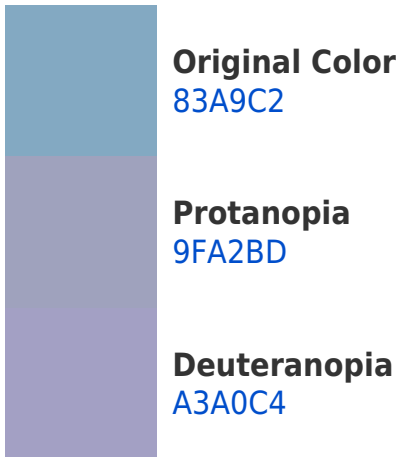


This preview shows how white text looks on a background with the Hex color 83A9C2.

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](#).

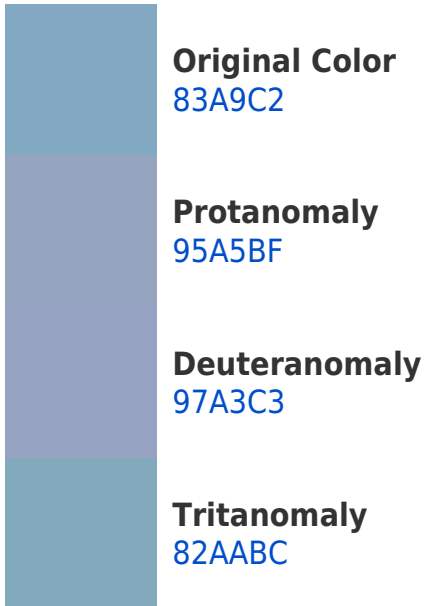
Dichromacy



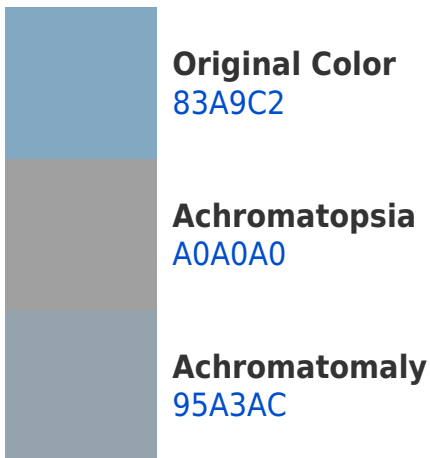


Tritanopia
81ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83A9C2 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 #83A9C2 looks like.

```
.text, #text, p{  
    color:#83A9C2  
}
```

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 #83A9C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83A9C2
}
```

Border

The CSS property to change the border of an element to Hex 83A9C2 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
#83A9C2 }
```

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

```
.border{ border-color:#83A9C2 }
```

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

Here you see how a box with a 4 pixel #83A9C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83A9C2; -webkit-box-shadow:4px 4px  
4px 4px #83A9C2; box-shadow:4px 4px 4px  
4px #83A9C2 }
```

Background

The CSS property to change the background color of an element to Hex 83A9C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83A9C2 }
```

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

```
.background{ background-color:#83A9C2 }
```

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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