

# Converting Colors

Hex(89B2C0)

Have a look what the booklet for  
Hex(89B2C0) contains.

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# **Color**

**Hex(89B2C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89B2C0
RGB	137, 178, 192
RGB Percent	54%, 70%, 75%
CMY	0.4627, 0.3020, 0.2471
CMYK	0.29, 0.07, 0.00, 0.25
HSL	195°, 30%, 65%
HSV	195°, 29%, 75%
XYZ	35.7514, 40.9649, 55.8919
YIQ	167.3370, -28.9300, -4.3380

# Conversions

## Conversions Part 2

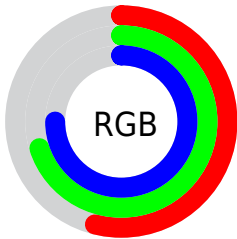
Format	Color
<b>RYB</b>	137, 160, 192
Decimal	9024192
CIELab	70.15, -10.41, -11.60
CIELCh	70, 15.589, 228.087
Yxy	40.9649, 0.2696, 0.3089
Android (android.graphics.Color)	4287214272 (0xFF89B2C0)
YUV	167.3370, 12.1589, -26.6055
Hunter-Lab	64.0038, -12.3000, -6.9728

# Details

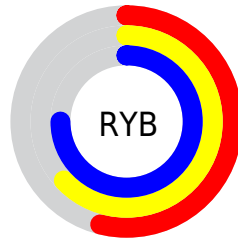
The Hex color **89B2C0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C09789**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **C0EAF8**, and **557D8B** is the 20% darker color. If you saturate the color by 10%, you get **76ADC0**, and if you desaturate by 10%, it is **9CB7C0**.

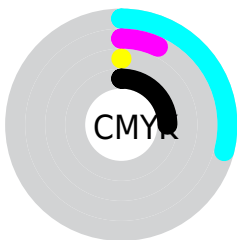
# Distribution



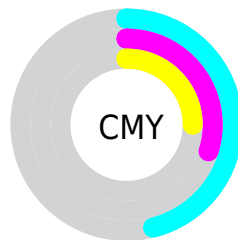
- Red (54%)
- Green (70%)
- Blue (75%)



- Red (54%)
- Yellow (63%)
- Blue (75%)



- Cyan (29%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)



- Cyan (46%)
- Magenta (30%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89B2C0 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 89B2C0 by changing the saturation by 10% instead.



 89B2C0

 89B2C0

FFFFFF

 6F97A5

 C0EAF8

 557D8B

 DCFFFF

 3C6471

 F9FFFF

 234C59

 063641

 00202B

 000217

 000000

 89B2C0

 89B2C0

76ADC0

9CB7C0

63A8C0

AFBCC0

4FA3C0

C3C1C0

3C9EC0

D6C6C0

299AC0

E9CAC0

1695C0

FCCFC0

0390C0

FFD4C0

008FC0

FFD9C0

FFDEC0

# Harmonies

## Analogous

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



87B4B4



89B2C0



95AEC7

# Triad

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



89B2C0



C5A2B2



AEAD91

# Complementary

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



89B2C0



C09789

# 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.



BCA990



89B2C0



CAA2A3

# Square

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



89B2C0



B8A5BE



C6A497



9DB198

# Rectangle

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



89B2C0



A1ABC7



C6A497



B3AC90

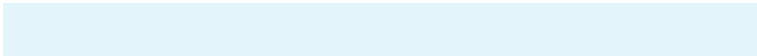


# Sweetspot

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



89B2C0



E3F4FA



89C097



6F797D



FCFCFC



7D7D7D

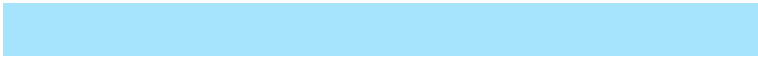


# Same Dimension

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



89B2C0



A5E4FA



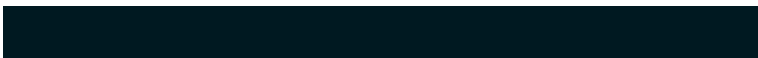
8997C0



575E61



0078A1



001921



# Inverse Universe

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



C089B2



FAA5E4



C0B289



61575E



A10078



210019



# Previews

## White Background



This preview shows how the Hex color 89B2C0 looks on a white background.

## Color Contrast Check

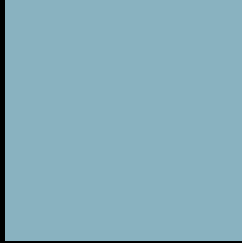
Large Text (above 18pt) WCAG AA × Fail

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 89B2C0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

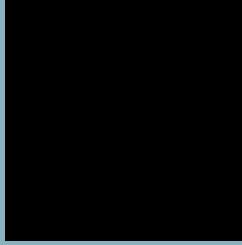
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

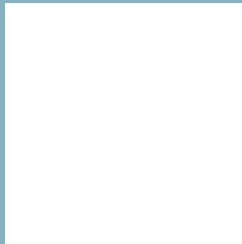
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 89B2C0 Background



This preview shows how black text looks on a background with the Hex color 89B2C0.

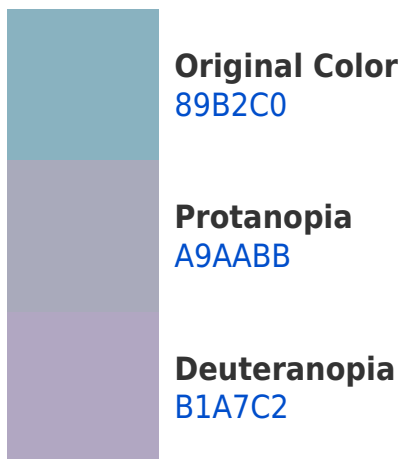


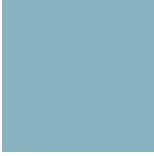
This preview shows how white text looks on a background with the Hex color 89B2C0.

# 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](#).

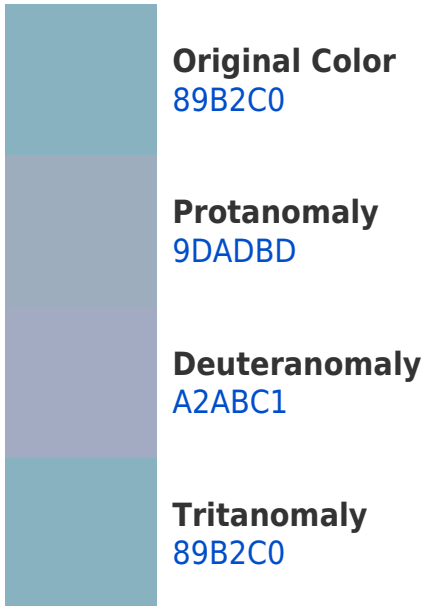
## Dichromacy



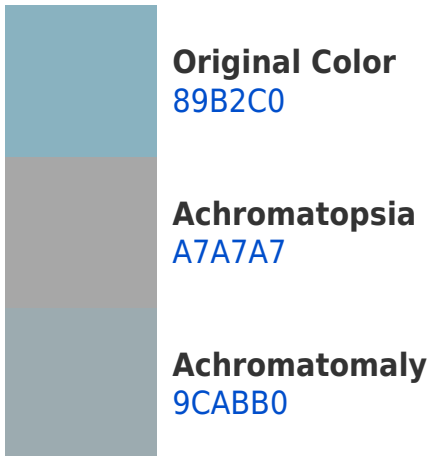


**Tritanopia**  
89B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89B2C0 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 #89B2C0 looks like.

```
.text, #text, p{  
    color:#89B2C0  
}
```

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 #89B2C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89B2C0  
}
```

## Border

The CSS property to change the border of an element to Hex 89B2C0 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  
#89B2C0 }
```

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

```
.border{ border-color:#89B2C0 }
```

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

Here you see how a box with a 4 pixel #89B2C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89B2C0; -webkit-box-shadow:4px 4px  
4px 4px #89B2C0; box-shadow:4px 4px 4px  
4px #89B2C0 }
```

# Background

The CSS property to change the background color of an element to Hex 89B2C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89B2C0 }
```

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

```
.background{ background-color:#89B2C0 }
```

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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