

Converting Colors

Hex(89B7BD)

Have a look what the booklet for
Hex(89B7BD) contains.

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Color

Hex(89B7BD)

Conversions

Conversions Part 1

Format	Color
Hex	89B7BD
RGB	137, 183, 189
RGB Percent	54%, 72%, 74%
CMY	0.4627, 0.2824, 0.2588
CMYK	0.28, 0.03, 0.00, 0.26
HSL	187°, 28%, 64%
HSV	187°, 28%, 74%
XYZ	36.4353, 42.8595, 54.4965
YIQ	169.9300, -29.3420, -7.8860

Conversions

Conversions Part 2

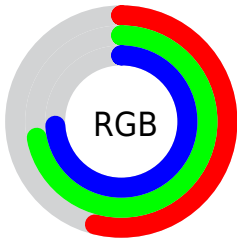
Format	Color
RYB	137, 161, 189
Decimal	9025469
CIELab	71.46, -13.76, -8.00
CIELCh	71, 15.921, 210.169
Yxy	42.8595, 0.2723, 0.3203
Android (android.graphics.Color)	4287215549 (0xFF89B7BD)
YUV	169.9300, 9.4015, -28.8796
Hunter-Lab	65.4671, -15.2244, -3.5275

Details

The Hex color **89B7BD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BD8F89**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **C0EFF5**, and **558288** is the 20% darker color. If you saturate the color by 10%, you get **76B5BD**, and if you desaturate by 10%, it is **9CB9BD**.

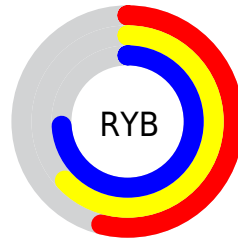
Distribution



Red (54%)

Green (72%)

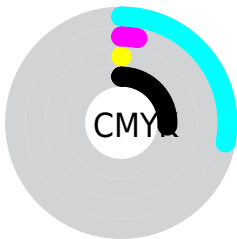
Blue (74%)



Red (54%)

Yellow (63%)

Blue (74%)

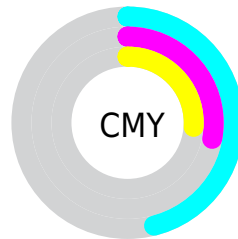


Cyan (28%)

Magenta (3%)

Yellow (0%)

Black (26%)



Cyan (46%)

Magenta (28%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89B7BD 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 89B7BD by changing the saturation by 10% instead.

89B7BD

89B7BD

FFFFFF

6F9CA2

C0EFF5

558288

DCFFFF

3C696E

F9FFFF

235156

06393F

002429

000B15

000000

89B7BD

89B7BD

76B5BD

9CB9BD

63B3BD

AFBBBD

50B0BD

C2BEBD

3DAEBD

D5C0BD

2AACBD

E8C2BD

18AABD

FAC4BD

05A8BD

FFC6BD

00A7BD

FFC8BD

FFCBBD

Harmonies

Analogous

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



8DB8AF



89B7BD



90B4C8

Triad

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



89B7BD



C2A7BE



BBAE92

Complementary

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



89B7BD



BD8F89

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.



C7A996



89B7BD



CCA5AF

Square

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



89B7BD



B2ABC8



CDA6A1



AAB396

Rectangle

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



89B7BD



99B2CB



CDA6A1



BFAC93

Sweetspot

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



89B7BD



E1F3F5



89BD8E



6E797A



FAFAFA



7A7A7A

Same Dimension

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



89B7BD



A4EBF5



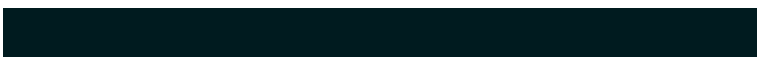
899EBD



555D5E



008C9E



001B1F

Inverse Universe

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



BD89B7



F5A4EB



BDA889



5E555D



9E008C



1F001B

Previews

White Background



This preview shows how the Hex color 89B7BD looks on a white background.

Color Contrast Check

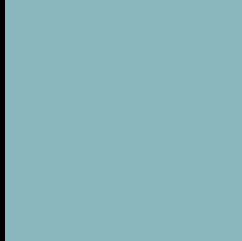
Large Text (above 18pt) WCAG AA × Fail

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 89B7BD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

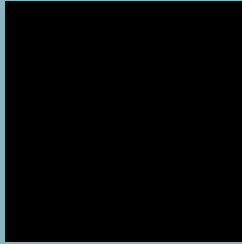
Any Text WCAG AA ✓ Pass

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 89B7BD Background



This preview shows how black text looks on a background with the Hex color 89B7BD.

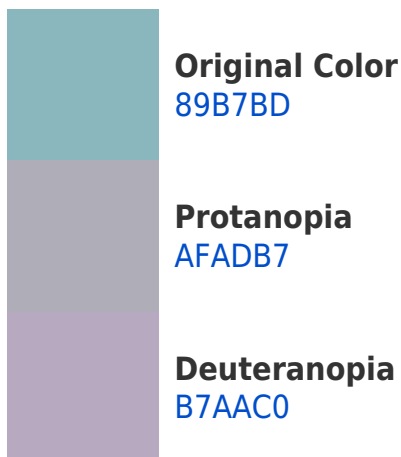


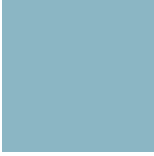
This preview shows how white text looks on a background with the Hex color 89B7BD.

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](#).

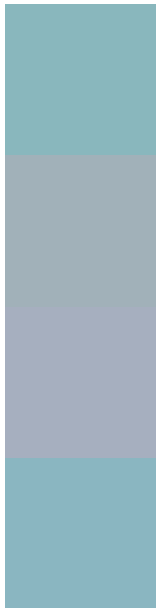
Dichromacy





Tritanopia
8BB6C4

Trichromacy



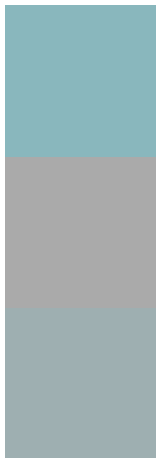
Original Color
89B7BD

Protanomaly
A1B1B9

Deuteranomaly
A6AFBF

Tritanomaly
8AB6C1

Monochromacy



Original Color
89B7BD

Achromatopsia
AAAAAA

Achromatomaly
9EAFB1

CSS Examples

Text

The CSS property to change the color of the text to Hex 89B7BD 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 #89B7BD looks like.

```
.text, #text, p{  
    color:#89B7BD  
}
```

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 #89B7BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89B7BD } }
```

Border

The CSS property to change the border of an element to Hex 89B7BD 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 #89B7BD } }
```

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

```
.border{ border-color:#89B7BD }
```

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

Here you see how a box with a 4 pixel #89B7BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89B7BD; -webkit-box-shadow:4px 4px  
4px 4px #89B7BD; box-shadow:4px 4px 4px  
4px #89B7BD }
```

Background

The CSS property to change the background color of an element to Hex 89B7BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89B7BD }
```

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

```
.background{ background-color:#89B7BD }
```

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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