

# Converting Colors

Hex(89BBC6)

Have a look what the booklet for  
Hex(89BBC6) contains.

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# **Color**

**Hex(89BBC6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89BBC6
RGB	137, 187, 198
RGB Percent	54%, 73%, 78%
CMY	0.4627, 0.2667, 0.2235
CMYK	0.31, 0.06, 0.00, 0.22
HSL	191°, 35%, 66%
HSV	191°, 31%, 78%
XYZ	38.2799, 44.9362, 60.0821
YIQ	173.3040, -33.3310, -7.1790

# Conversions

## Conversions Part 2

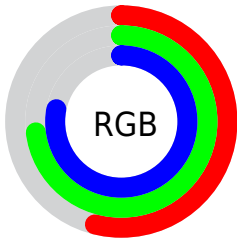
Format	Color
R <sub>Y</sub> B	137, 164, 198
Decimal	9026502
CIE Lab	72.85, -13.73, -10.85
CIE LCh	73, 17.501, 218.329
Yxy	44.9362, 0.2671, 0.3136
Android (android.graphics.Color)	4287216582 (0xFF89BBC6)
YUV	173.3040, 12.1751, -31.8386
Hunter-Lab	67.0345, -15.3783, -6.2167

# Details

The Hex color **89BBC6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C69489**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **C0F3FF**, and **548690** is the 20% darker color. If you saturate the color by 10%, you get **75B7C6**, and if you desaturate by 10%, it is **9DBFC6**.

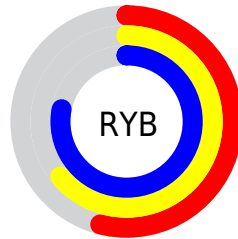
# Distribution



Red (54%)

Green (73%)

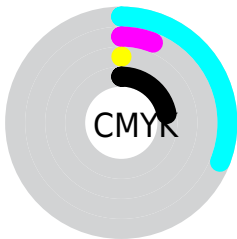
Blue (78%)



Red (54%)

Yellow (64%)

Blue (78%)

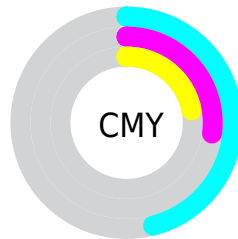


Cyan (31%)

Magenta (6%)

Yellow (0%)

Black (22%)



Cyan (46%)

Magenta (27%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89BBC6 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 89BBC6 by changing the saturation by 10% instead.





89BBC6



89BBC6

FFFFFF



6EA0AB



C0F3FF



548690



DCFFFF



3B6C77



F9FFFF



20545E



003D46



002730



00131B



000000



89BBC6



89BBC6

 75B7C6

 9DBFC6

 61B4C6

 B1C2C6

 4EB0C6

 C4C6C6

 3AADC6

 D8C9C6

 26A9C6

 ECCDC6

 12A6C6

 FFD0C6

 00A2C6

 FFD4C6

 FFD8C6

 FFD8C6

 FFD8C6

 FFD8C6

 FFD8C6

# Harmonies

## Analogous

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



8BBCB7



89BBC6



94B8D0

# Triad

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



89BBC6



CCA9BF



BBB393

# Complementary

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



89BBC6



C69489

# 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.



CAAE95



89BBC6



D4A8AF

# Square

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



89BBC6



BBADCC



D3A9A0



A9B899

# Rectangle

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



89BBC6



A0B4D2



D3A9A0



C0B193



# Sweetspot

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



89BBC6



E8FBFF



89C693



717D80



000000



808080

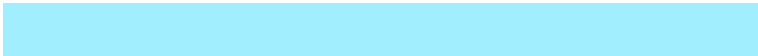


# Same Dimension

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



89BBC6



A1EEFF



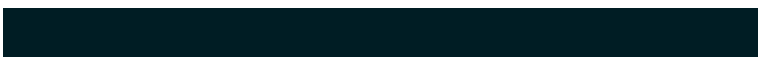
899DC6



5A6263



0086A3



001D24



# Inverse Universe

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



C689BB



FFA1EE



C6B289



635A62



A30086

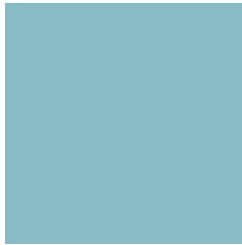


24001D



# Previews

## White Background



This preview shows how the Hex color 89BBC6 looks on a white background.

## Color Contrast Check

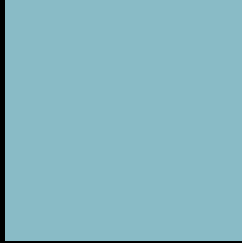
Large Text (above 18pt) WCAG AA × Fail

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 89BBC6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

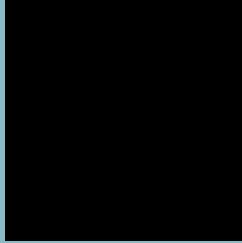
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

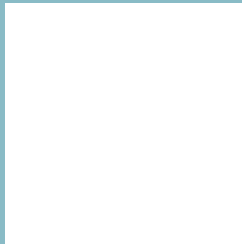
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 89BBC6 Background



This preview shows how black text looks on a background with the Hex color 89BBC6.

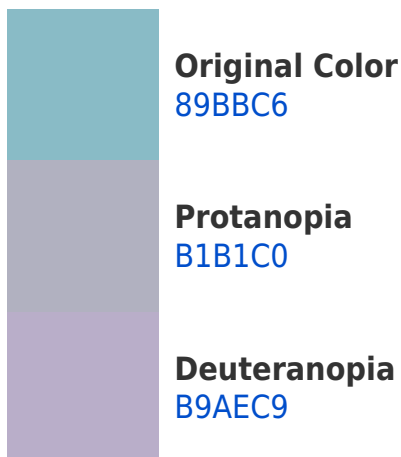


This preview shows how white text looks on a background with the Hex color 89BBC6.

# Color Blindness Simulation

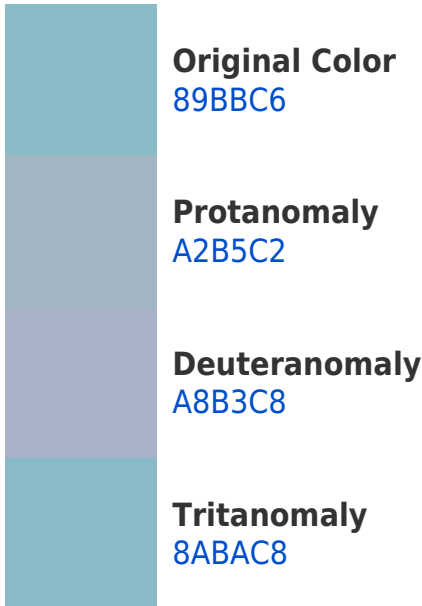
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

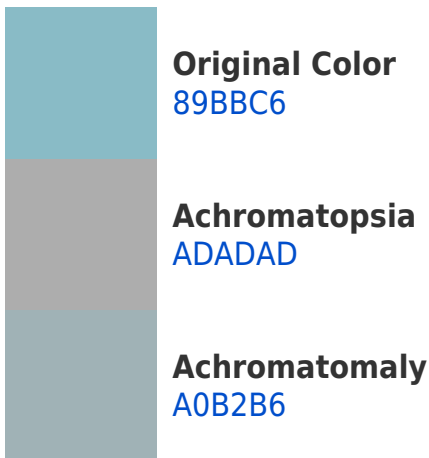




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89BBC6 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 #89BBC6 looks like.

```
.text, #text, p{  
    color:#89BBC6  
}
```

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 #89BBC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89BBC6  
}
```

## Border

The CSS property to change the border of an element to Hex 89BBC6 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  
#89BBC6 }
```

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

```
.border{ border-color:#89BBC6 }
```

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

Here you see how a box with a 4 pixel #89BBC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89BBC6; -webkit-box-shadow:4px 4px  
4px 4px #89BBC6; box-shadow:4px 4px 4px  
4px #89BBC6 }
```

# Background

The CSS property to change the background color of an element to Hex 89BBC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89BBC6 }
```

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

```
.background{ background-color:#89BBC6 }
```

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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