

# Converting Colors

Hex(8BBECC)

Have a look what the booklet for  
Hex(8BBECC) contains.

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# **Color**

**Hex(8BBECC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8BBECC
RGB	139, 190, 204
RGB Percent	55%, 75%, 80%
CMY	0.4549, 0.2549, 0.2000
CMYK	0.32, 0.07, 0.00, 0.20
HSL	193°, 39%, 67%
HSV	193°, 32%, 80%
XYZ	39.9600, 46.6755, 64.0299
YIQ	176.3470, -34.8900, -6.4580

# Conversions

## Conversions Part 2

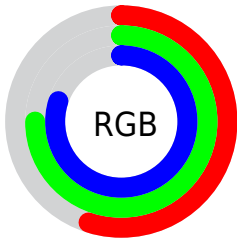
Format	Color
<a href="#">RYB</a>	<a href="#">139, 168, 204</a>
Decimal	<a href="#">9158348</a>
CIELab	<a href="#">73.98, -13.28, -12.42</a>
CIELCh	<a href="#">74, 18.184, 223.076</a>
Yxy	<a href="#">46.6755, 0.2652, 0.3098</a>
Android (android.graphics.Color)	<a href="#">4287348428 (0xFF8BBECC)</a>
YUV	<a href="#">176.3470, 13.6329, -32.7533</a>
Hunter-Lab	<a href="#">68.3195, -15.1546, -7.7437</a>

# Details

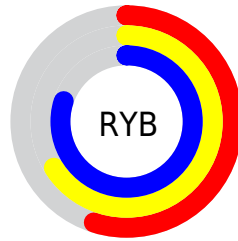
The Hex color **8BBECC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CC998B**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **C2F6FF**, and **568996** is the 20% darker color. If you saturate the color by 10%, you get **77BACC**, and if you desaturate by 10%, it is **9FC2CC**.

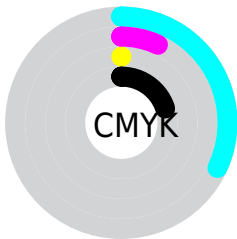
# Distribution



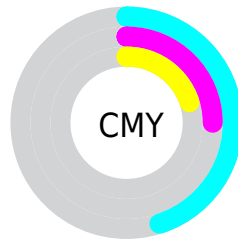
- Red (55%)
- Green (75%)
- Blue (80%)



- Red (55%)
- Yellow (66%)
- Blue (80%)



- Cyan (32%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)



- Cyan (45%)
- Magenta (25%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BBECC 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 8BBECC by changing the saturation by 10% instead.



 8BBECC

 8BBECC

FFFFFF

 70A3B1


 C2F6FF

 568996

 DFFFFF

 3C6F7C

 FCFFFF

 215763

 003F4B

 002935

 00161F

 000005

 000000

 8BBECC

 8BBECC

 77BACC

 9FC2CC

 62B5CC

 B4C7CC

 4EB1CC

 C8CBCC

 39ACCC

 DDD0CC

 25A8CC

 F1D4CC

 11A4CC

 FFD8CC

 00A0CC

 FFDDCC

 FFE1CC

 FFE6CC

# Harmonies

## Analogous

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



8BC0BD



8BBECC



98BAD5

# Triad

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



8BBECC



D2ABC0



BBB795

# Complementary

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



8BBECC



CC998B

# 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.



CCB296



8BBECC



D9AAAF

# Square

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



8BBECC



C2AFCE



D6ADA0



A8BC9D

# Rectangle

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



8BBECC



A5B7D7



D6ADA0



C1B595



# Sweetspot

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



8BBECC



E6FAFF



8BCC98



707C80



000000



808080

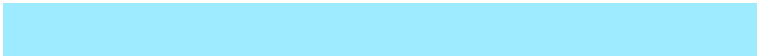


# Same Dimension

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



8BBECC



9EEAFF



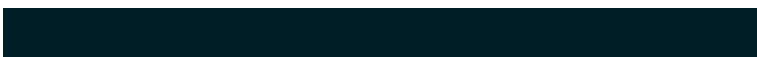
8B9FCC



5C6466



0082A6



001E26



# Inverse Universe

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



CC8BBE



FF9EEA



CCB98B



665C64



A60082

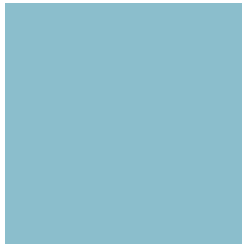


26001E



# Previews

## White Background



This preview shows how the Hex color 8BBECC looks on a white background.

## Color Contrast Check

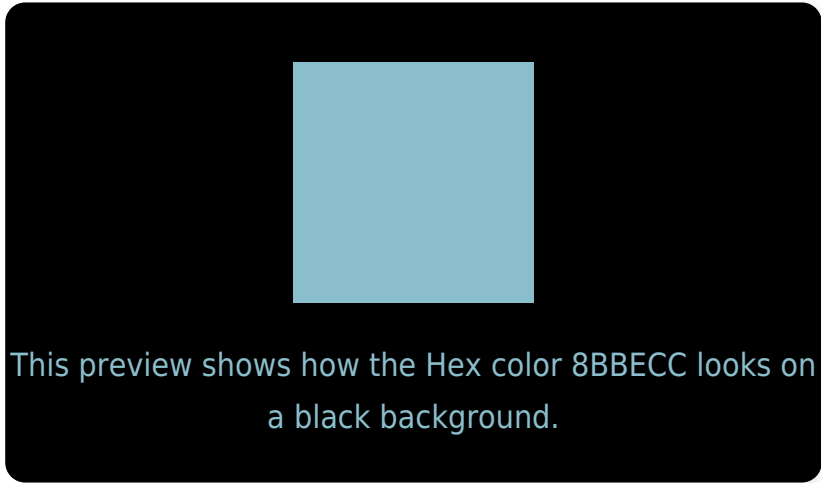
Large Text (above 18pt) WCAG AA × Fail

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

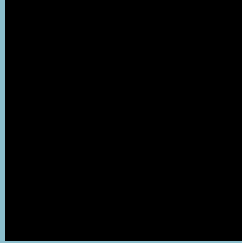
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

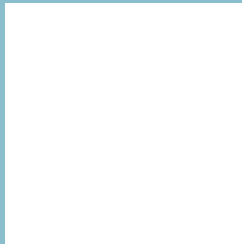
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8BBECC Background



This preview shows how black text looks on a background with the Hex color 8BBECC.



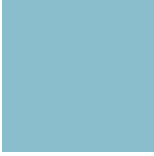
This preview shows how white text looks on a background with the Hex color 8BBECC.

# 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](#).

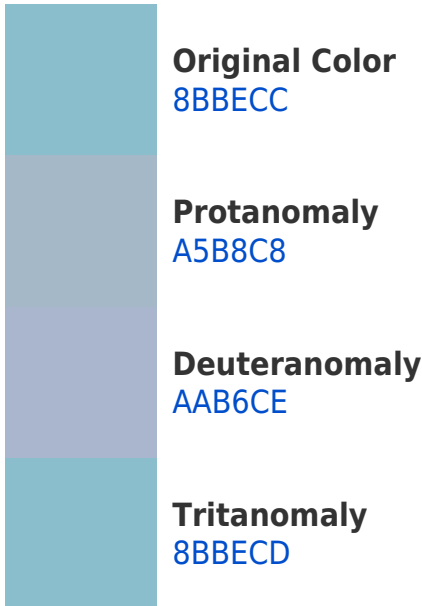
## Dichromacy



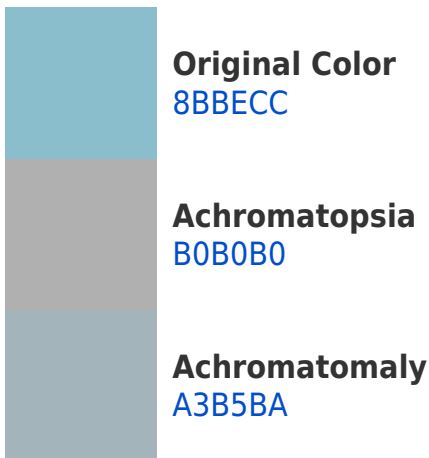


**Tritanopia**  
8BBECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BBECC 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 #8BBECC looks like.

```
.text, #text, p{  
    color:#8BBECC  
}
```

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 #8BBECC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BBECC
}
```

## Border

The CSS property to change the border of an element to Hex 8BBECC 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
#8BBECC }
```

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

```
.border{ border-color:#8BBECC }
```

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

Here you see how a box with a 4 pixel #8BBECC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BBECC; -webkit-box-shadow:4px 4px  
4px 4px #8BBECC; box-shadow:4px 4px 4px  
4px #8BBECC }
```

# Background

The CSS property to change the background color of an element to Hex 8BBECC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BBECC }
```

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

```
.background{ background-color:#8BBECC }
```

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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