

# Converting Colors

Hex(86BBC3)

Have a look what the booklet for  
Hex(86BBC3) contains.

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# **Color**

**Hex(86BBC3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86BBC3
RGB	134, 187, 195
RGB Percent	53%, 73%, 76%
CMY	0.4745, 0.2667, 0.2353
CMYK	0.31, 0.04, 0.00, 0.24
HSL	188°, 34%, 65%
HSV	188°, 31%, 76%
XYZ	37.4522, 44.5491, 58.2547
YIQ	172.0650, -34.1560, -8.7480

# Conversions

## Conversions Part 2

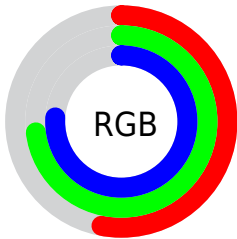
Format	Color
<a href="#">RYB</a>	<a href="#">134, 162, 195</a>
Decimal	<a href="#">8829891</a>
CIELab	<a href="#">72.59, -15.31, -9.61</a>
CIElCh	<a href="#">73, 18.076, 212.134</a>
Yxy	<a href="#">44.5491, 0.2670, 0.3176</a>
Android (android.graphics.Color)	<a href="#">4287019971 (0xFF86BBC3)</a>
YUV	<a href="#">172.0650, 11.3070, -33.3830</a>
Hunter-Lab	<a href="#">66.7451, -16.6437, -5.0263</a>

# Details

The Hex color **86BBC3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C38E86**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **BDF3FC**, and **51868D** is the 20% darker color. If you saturate the color by 10%, you get **73B8C3**, and if you desaturate by 10%, it is **9ABEC3**.

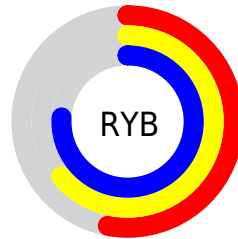
# Distribution



Red (53%)

Green (73%)

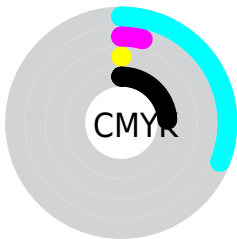
Blue (76%)



Red (53%)

Yellow (64%)

Blue (76%)

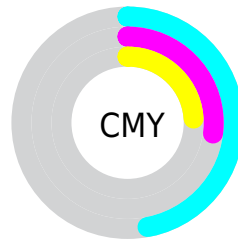


Cyan (31%)

Magenta (4%)

Yellow (0%)

Black (24%)



Cyan (47%)

Magenta (27%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86BBC3 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 86BBC3 by changing the saturation by 10% instead.





86BBC3



86BBC3

FFFFFF



6BA0A8



BDF3FC



51868D



D9FFFF



386C74



F6FFFF



1D545B



003D44



00272E



001119



000000



86BBC3



86BBC3

73B8C3

9ABEC3

5FB6C3

ADC0C3

4CB3C3

C1C3C3

38B1C3

D4C5C3

25AEC3

E8C8C3

11ACC3

FBCAC3

00A9C3

FFCDC3

FFCFC3

FFD2C3

# Harmonies

## Analogous

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



8BBCB3



86BBC3



8EB8CF

# Triad

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



86BBC3



C9A9C2



BEB191

# Complementary

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



86BBC3



C38E86

# 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.



CCAC95



86BBC3



D3A7B1

# Square

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



86BBC3



B7ADCE



D4A8A1



ACB696

# Rectangle

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



86BBC3



9AB5D2



D4A8A1



C3AF92

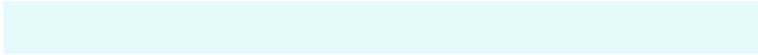


# Sweetspot

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



86BBC3



E6F9FC



86C38D



717E80



000000



808080

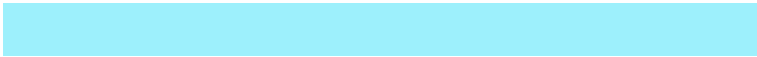


# Same Dimension

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



86BBC3



9DF0FC



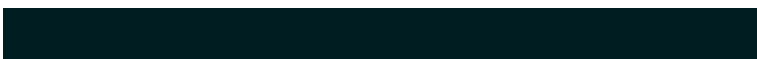
869DC3



576061



008CA1



001D21



# Inverse Universe

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



C386BB



FC9DF0



C3AC86



615760



A1008C



21001D



# Previews

## White Background



This preview shows how the Hex color 86BBC3 looks on a white background.

## Color Contrast Check

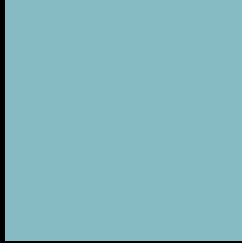
Large Text (above 18pt) WCAG AA × Fail

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 86BBC3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

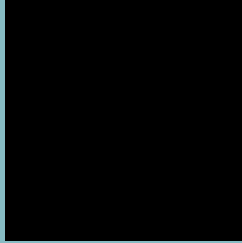
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 86BBC3 Background



This preview shows how black text looks on a background with the Hex color 86BBC3.



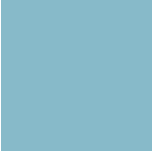
This preview shows how white text looks on a background with the Hex color 86BBC3.

# 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](#).

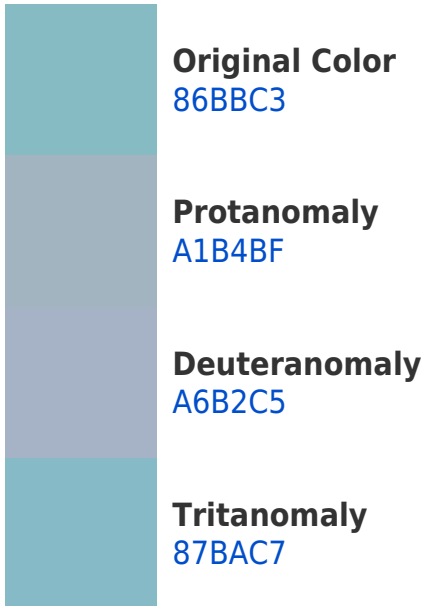
## Dichromacy



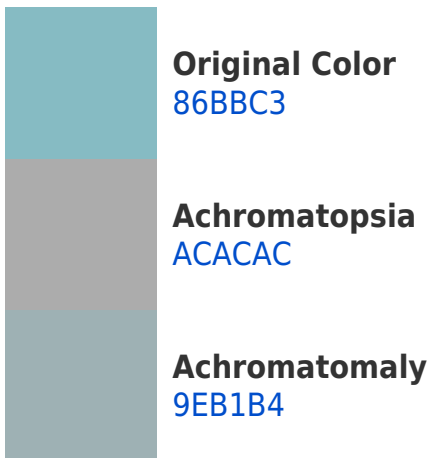


**Tritanopia**  
87BAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86BBC3 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 #86BBC3 looks like.

```
.text, #text, p{  
    color:#86BBC3  
}
```

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 #86BBC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86BBC3  
}
```

## Border

The CSS property to change the border of an element to Hex 86BBC3 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  
#86BBC3 }
```

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

```
.border{ border-color:#86BBC3 }
```

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

Here you see how a box with a 4 pixel #86BBC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86BBC3; -webkit-box-shadow:4px 4px  
4px 4px #86BBC3; box-shadow:4px 4px 4px  
4px #86BBC3 }
```

# Background

The CSS property to change the background color of an element to Hex 86BBC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86BBC3 }
```

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

```
.background{ background-color:#86BBC3 }
```

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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