

# Converting Colors

Hex(86AEBC)

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

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# **Color**

**Hex(86AEBC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86AEBC
RGB	134, 174, 188
RGB Percent	53%, 68%, 74%
CMY	0.4745, 0.3176, 0.2627
CMYK	0.29, 0.07, 0.00, 0.26
HSL	196°, 29%, 63%
HSV	196°, 29%, 74%
XYZ	34.0447, 38.9713, 53.3048
YIQ	163.6360, -28.3340, -4.1260

# Conversions

## Conversions Part 2

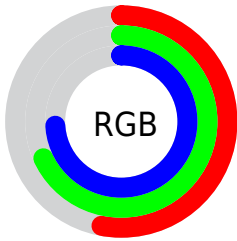
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">134, 157, 188</a>
Decimal	<a href="#">8826556</a>
CIELab	<a href="#">68.73, -10.13, -11.54</a>
CIELCh	<a href="#">69, 15.353, 228.735</a>
Yxy	<a href="#">38.9713, 0.2695, 0.3085</a>
Android (android.graphics.Color)	<a href="#">4287016636 (0xFF86AEBC)</a>
YUV	<a href="#">163.6360, 12.0115, -25.9908</a>
Hunter-Lab	<a href="#">62.4270, -11.9019, -6.9273</a>

# Details

The Hex color **86AEBC** is a light color, and the websafe version is hex **669999**. A complement of this color would be **BC9486**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **BCE5F4**, and **527A87** is the 20% darker color. If you saturate the color by 10%, you get **73A9BC**, and if you desaturate by 10%, it is **99B3BC**.

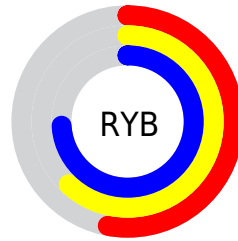
# Distribution



Red (53%)

Green (68%)

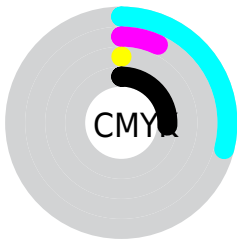
Blue (74%)



Red (53%)

Yellow (62%)

Blue (74%)

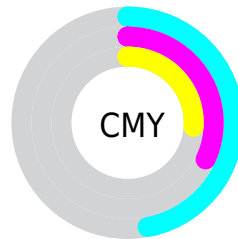


Cyan (29%)

Magenta (7%)

Yellow (0%)

Black (26%)



Cyan (47%)

Magenta (32%)

Yellow (26%)

# Brightness & Saturation Gradients

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



 86AEBC

 86AEBC

FFFFFF

 6C93A1

 BCE5F4

 527A87

 D9FFFF

 39616D

 F5FFFF

 204955


 03323E

 001D28

 000114

 000000

 86AEBC

 86AEBC

73A9BC

99B3BC

60A4BC

ACB8BC

4E9FBC

BEBDBC

3B9BBC

D1C1BC

2896BC

E4C6BC

1591BC

F7CBBC

028CBC

FFD0BC

008BBC

FFD5BC

FFDABC

# Harmonies

## Analogous

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



84B0B0



86AEBC



92AAC3

# Triad

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



86AEBC



C19FAD



A9A98D

# Complementary

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



86AEBC



BC9486

# 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.



B8A58D



86AEBC



C59E9F

# Square

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



86AEBC



B5A1BA



C2A193



99AD95

# Rectangle

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



86AEBC



9EA7C3



C2A193



AFA88C



# Sweetspot

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



86AEBC



DFFEF5



86BC94



6D777A



F9FAFA



7A7A7A



# Same Dimension

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



86AEBC



A2DFF5



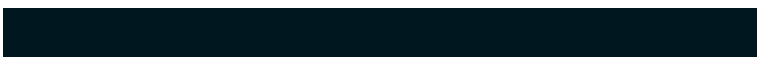
8694BC



555C5E



00759E



00171F



# Inverse Universe

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



BC86AE



F5A2DF



BCAF86



5E555C



9E0075



1F0017



# Previews

## White Background



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

## Color Contrast Check

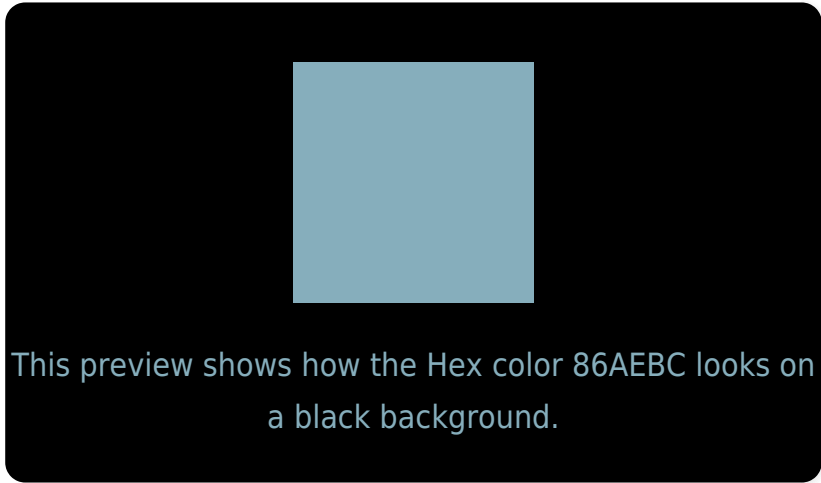
Large Text (above 18pt) WCAG AA × Fail

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

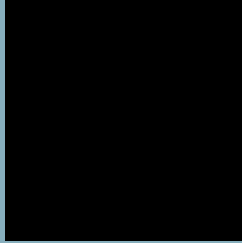
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

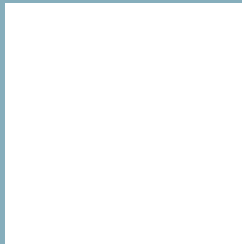
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 86AEBC Background



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

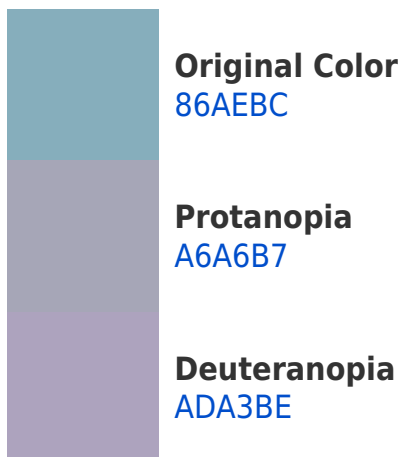


This preview shows how white text looks on a background with the Hex color 86AEBC.

# 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](#).

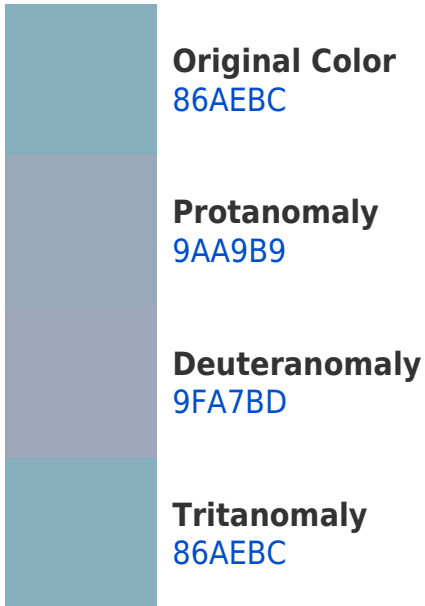
## Dichromacy



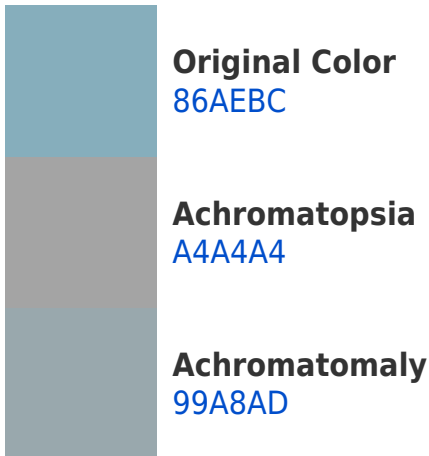


**Tritanopia**  
86AEBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #86AEBC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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