

# Converting Colors

Hex(86A9B0)

Have a look what the booklet for  
Hex(86A9B0) contains.

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# **Color**

**Hex(86A9B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86A9B0
RGB	134, 169, 176
RGB Percent	53%, 66%, 69%
CMY	0.4745, 0.3373, 0.3098
CMYK	0.24, 0.04, 0.00, 0.31
HSL	190°, 21%, 61%
HSV	190°, 24%, 69%
XYZ	31.8560, 36.5789, 46.4557
YIQ	159.3330, -23.1070, -5.2430

# Conversions

## Conversions Part 2

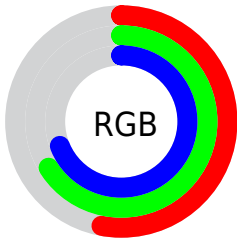
Format	Color
<a href="#">RYB</a>	<a href="#">134, 153, 176</a>
Decimal	<a href="#">8825264</a>
CIELab	<a href="#">66.96, -10.27, -7.53</a>
CIElCh	<a href="#">67, 12.737, 216.243</a>
Yxy	<a href="#">36.5789, 0.2773, 0.3184</a>
Android (android.graphics.Color)	<a href="#">4287015344 (0xFF86A9B0)</a>
YUV	<a href="#">159.3330, 8.2168, -22.2170</a>
Hunter-Lab	<a href="#">60.4805, -11.8222, -3.2050</a>

# Details

The Hex color **86A9B0** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B08D86**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **BCE0E8**, and **53757C** is the 20% darker color. If you saturate the color by 10%, you get **74A6B0**, and if you desaturate by 10%, it is **98ACB0**.

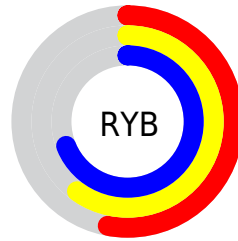
# Distribution



Red (53%)

Green (66%)

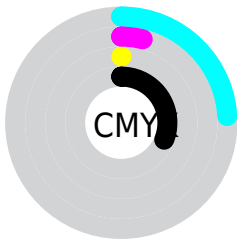
Blue (69%)



Red (53%)

Yellow (60%)

Blue (69%)

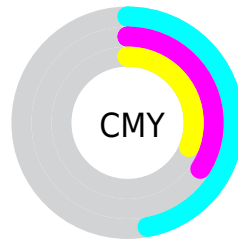


Cyan (24%)

Magenta (4%)

Yellow (0%)

Black (31%)



Cyan (47%)

Magenta (34%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86A9B0 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 86A9B0 by changing the saturation by 10% instead.





86A9B0



86A9B0

FFFFFF



6C8F95



BCE0E8



53757C



D8FDFF



3B5C63



F5FFFF



23454B



0A2E34



001A1F



000006



000000



86A9B0



86A9B0

74A6B0

98ACB0

63A3B0

A9AFB0

51A0B0

BBB2B0

409DB0

CCB5B0

2E9AB0

DEB8B0

1C97B0

F0BBB0

0B94B0

FFBEB0

0093B0

FFC0B0

FFC3B0

# Harmonies

## Analogous

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



88AAA5



86A9B0



8DA7B8

# Triad

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



86A9B0



B49CAC



AAA38C

# Complementary

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



86A9B0



B08D86

# 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.



B59F8E



86A9B0



BB9BA1

# Square

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



86A9B0



A89FB5



BB9C96



9DA690

# Rectangle

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



86A9B0



95A4BA



BB9C96



AEA28C



# Sweetspot

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



86A9B0



D5E3E6



86B08D



6A7173



F2F2F2



737373



# Same Dimension

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



86A9B0



A3DAE6



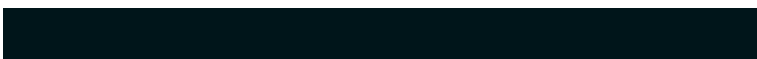
8694B0



505859



007F99



00151A



# Inverse Universe

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



B086A9



E6A3DA



B0A286



595058



990080



1A0015



# Previews

## White Background



This preview shows how the Hex color 86A9B0 looks on a white background.

## Color Contrast Check

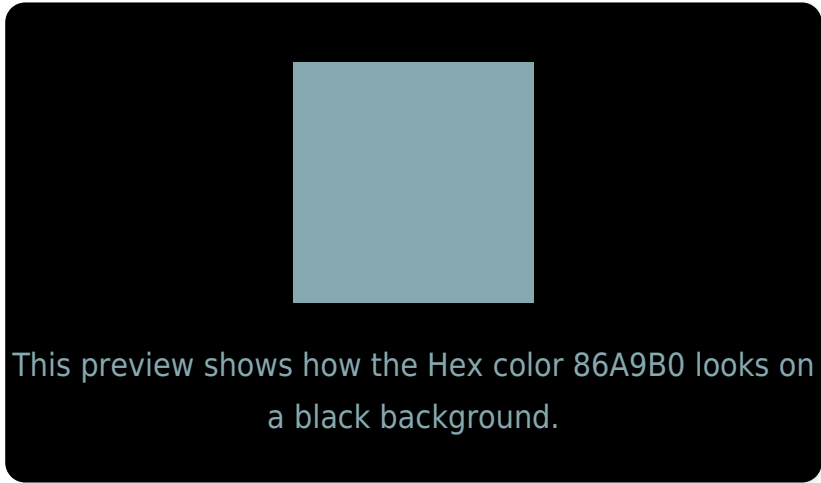
Large Text (above 18pt) WCAG AA × Fail

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

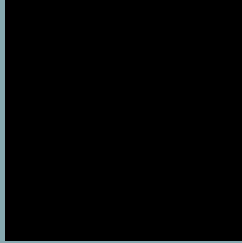
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

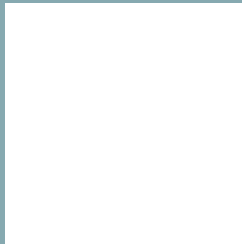
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 86A9B0 Background



This preview shows how black text looks on a background with the Hex color 86A9B0.

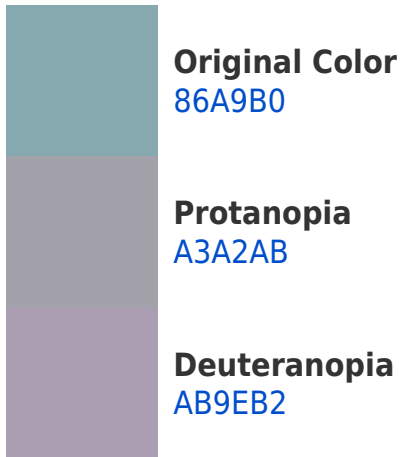


This preview shows how white text looks on a background with the Hex color 86A9B0.

# 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](#).

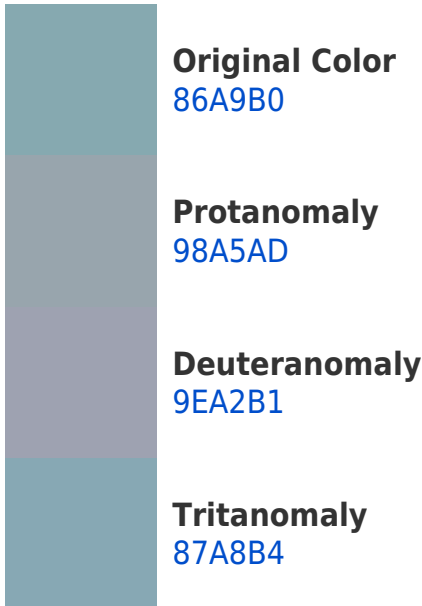
## Dichromacy



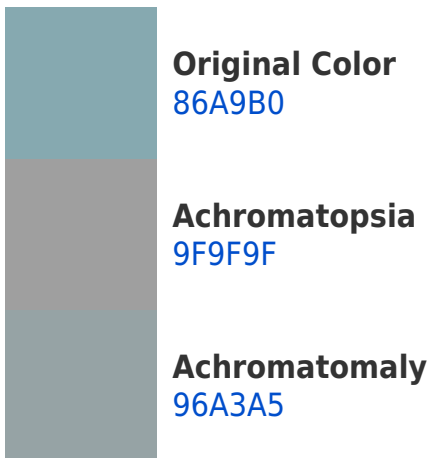


**Tritanopia**  
87A8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86A9B0 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 #86A9B0 looks like.

```
.text, #text, p{  
    color:#86A9B0  
}
```

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 #86A9B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A9B0
}
```

## Border

The CSS property to change the border of an element to Hex 86A9B0 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
#86A9B0 }
```

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

```
.border{ border-color:#86A9B0 }
```

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

Here you see how a box with a 4 pixel #86A9B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A9B0; -webkit-box-shadow:4px 4px  
4px 4px #86A9B0; box-shadow:4px 4px 4px  
4px #86A9B0 }
```

# Background

The CSS property to change the background color of an element to Hex 86A9B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A9B0 }
```

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

```
.background{ background-color:#86A9B0 }
```

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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