

# Converting Colors

Hex(86AABD)

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

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# **Color**

**Hex(86AABD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86AABD
RGB	134, 170, 189
RGB Percent	53%, 67%, 74%
CMY	0.4745, 0.3333, 0.2588
CMYK	0.29, 0.10, 0.00, 0.26
HSL	201°, 29%, 63%
HSV	201°, 29%, 74%
XYZ	33.3915, 37.4919, 53.6209
YIQ	161.4020, -27.5550, -1.7230

# Conversions

## Conversions Part 2

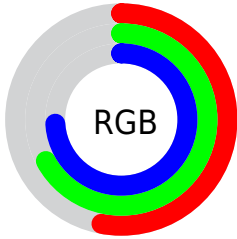
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">134, 156, 189</a>
Decimal	<a href="#">8825533</a>
CIELab	<a href="#">67.64, -7.73, -13.72</a>
CIElCh	<a href="#">68, 15.751, 240.608</a>
Yxy	<a href="#">37.4919, 0.2682, 0.3011</a>
Android (android.graphics.Color)	<a href="#">4287015613 (0xFF86AABD)</a>
YUV	<a href="#">161.4020, 13.6058, -24.0316</a>
Hunter-Lab	<a href="#">61.2306, -9.8103, -9.0600</a>

# Details

The Hex color **86AABD** is a light color, and the websafe version is hex **669999**. A complement of this color would be **BD9986**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **BCE1F5**, and **527688** is the 20% darker color. If you saturate the color by 10%, you get **73A3BD**, and if you desaturate by 10%, it is **99B1BD**.

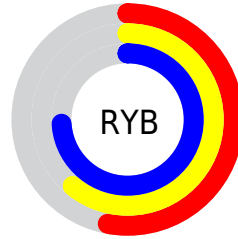
# Distribution



Red (53%)

Green (67%)

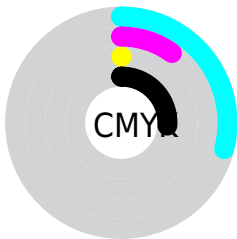
Blue (74%)



Red (53%)

Yellow (61%)

Blue (74%)

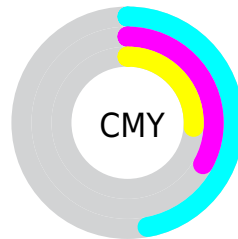


Cyan (29%)

Magenta (10%)

Yellow (0%)

Black (26%)



Cyan (47%)

Magenta (33%)

Yellow (26%)

# Brightness & Saturation Gradients

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



 86AABD

 86AABD

FFFFFF

 6C90A2

 BCE1F5

 527688

 D9FEFF

 3A5D6E

 F5FFFF

 214656

 042F3F

 001B29

 000114

 000000

 86AABD

 86AABD

73A3BD

99B1BD

609DBD

ACB7BD

4D96BD

BFBEBD

3A90BD

D2C4BD

2789BD

E5CBBD

1583BD

F7D1BD

027CBD

FFD8BD

007CBD

FFDEBD

FFE5BD

# Harmonies

## Analogous

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



7FADB3



86AABD



95A6C1

# Triad

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



86AABD



C19BA5



A0A88C

# Complementary

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



86AABD



BD9986

# 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.



B0A489



86AABD



C29C97

# Square

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



86AABD



B89DB3



BC9F8D



90AC96

# Rectangle

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



86AABD



A2A3BF



BC9F8D



A5A78A



# Sweetspot

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



86AABD



DFEDF5



86BD98



6D767A



FAFAFA



7A7A7A



# Same Dimension

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



86AABD



9FD7F5



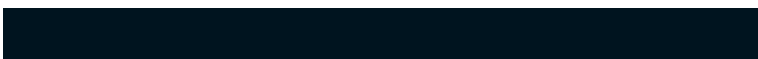
868FBD



555B5E



00679E



00141F



# Inverse Universe

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



BD86AA



F59FD7



BDB486



5E555B



9E0067



1F0014



# Previews

## White Background



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

## Color Contrast Check

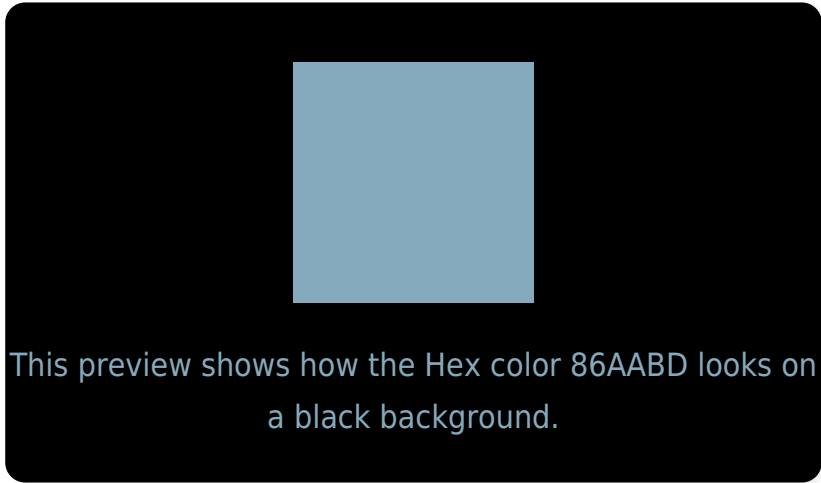
Large Text (above 18pt) WCAG AA × Fail

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

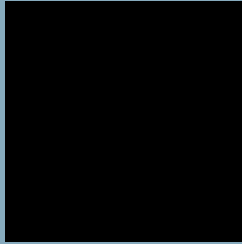
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 86AABD Background



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

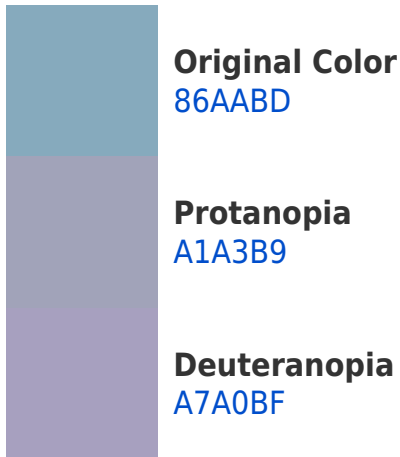


This preview shows how white text looks on a background with the Hex color 86AABD.

# 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](#).

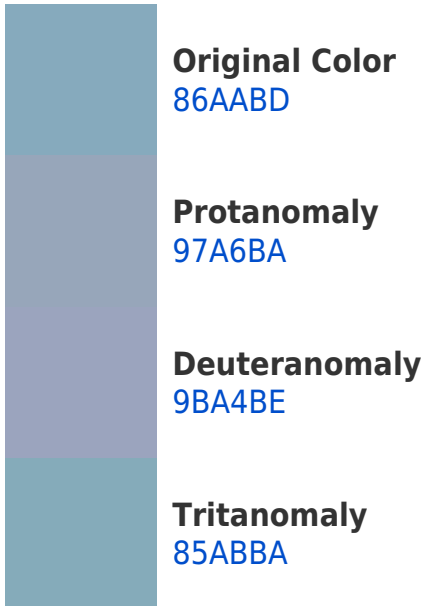
## Dichromacy



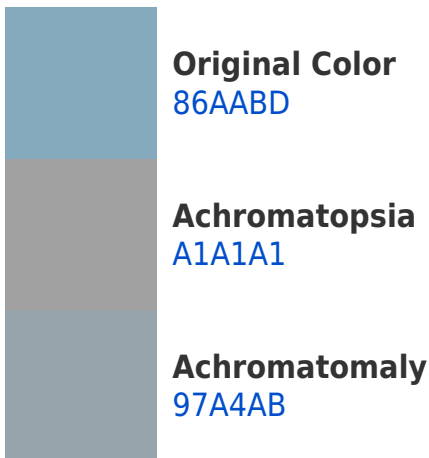


**Tritanopia**  
85ABB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #86AABD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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