

# Converting Colors

Hex(86ACA6)

Have a look what the booklet for  
Hex(86ACA6) contains.

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# **Color**

**Hex(86ACA6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86ACA6
RGB	134, 172, 166
RGB Percent	53%, 67%, 65%
CMY	0.4745, 0.3255, 0.3490
CMYK	0.22, 0.00, 0.03, 0.33
HSL	171°, 19%, 60%
HSV	171°, 22%, 67%
XYZ	31.4670, 37.3266, 41.6227
YIQ	159.9540, -20.7220, -9.9220

# Conversions

## Conversions Part 2

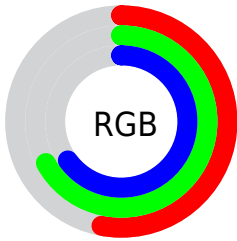
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">134, 155, 172</a>
Decimal	<a href="#">8826022</a>
CIELab	<a href="#">67.52, -14.11, -1.15</a>
CIELCh	<a href="#">68, 14.159, 184.653</a>
Yxy	<a href="#">37.3266, 0.2850, 0.3381</a>
Android (android.graphics.Color)	<a href="#">4287016102 (0xFF86ACA6)</a>
YUV	<a href="#">159.9540, 2.9807, -22.7617</a>
Hunter-Lab	<a href="#">61.0955, -14.9813, 2.3742</a>

# Details

The Hex color **86ACA6** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AC868C**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BCE3DD**, and **537872** is the 20% darker color. If you saturate the color by 10%, you get **75ACA3**, and if you desaturate by 10%, it is **97ACA9**.

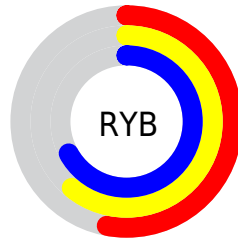
# Distribution



Red (53%)

Green (67%)

Blue (65%)



Red (53%)

Yellow (61%)

Blue (67%)

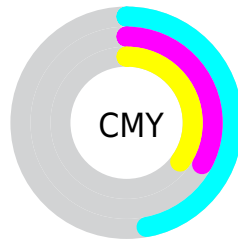


Cyan (22%)

Magenta (0%)

Yellow (3%)

Black (33%)



Cyan (47%)

Magenta (33%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86ACA6 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 86ACA6 by changing the saturation by 10% instead.



 86ACA6

 86ACA6

FFFFFF

 6C918C

 BCE3DD

 537872

 D8FFFA

 3B5F5A

 F4FFFF

 244742

 0C302C

 001C18

 000000

 86ACA6

 86ACA6

 75ACA3

 97ACA9

64ACA1

A8ACAB

52AC9E

BAACAE

41AC9B

CBACB1

30AC98

DCACB4

1FAC96

EDACB6

0EAC93

FEACB9

00AC91

FFACBC

FFACBE

# Harmonies

## Analogous

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



90AB99



86ACA6



84ABB2

# Triad

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



86ACA6



A9A1B9



B8A08E

# Complementary

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



86ACA6



AC868C

# 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.



BF9D96



86ACA6



B79DB0

# Square

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



86ACA6



99A5BE



BF9CA3



ADA48B

# Rectangle

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



86ACA6



87AAB9



BF9CA3



BB9F90



# Sweetspot

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



86ACA6



D1E0DE



8CAC86



67706F



F0F0F0



707070



# Same Dimension

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



86ACA6



A4E0D7



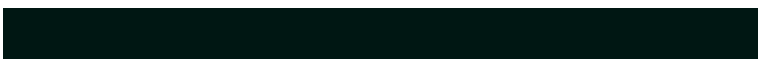
869FAC



4E5755



00967F



001713



# Inverse Universe

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



AC868C



E0A4AD



AC9386



574E4F



960018



170004



# Previews

## White Background



This preview shows how the Hex color 86ACA6 looks on a white background.

## Color Contrast Check

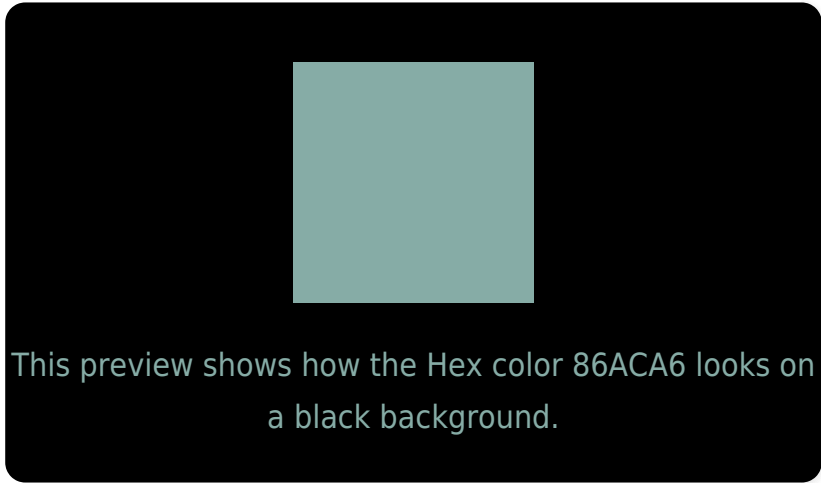
Large Text (above 18pt) WCAG AA × Fail

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

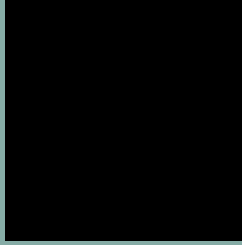
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 86ACA6 Background



This preview shows how black text looks on a background with the Hex color 86ACA6.

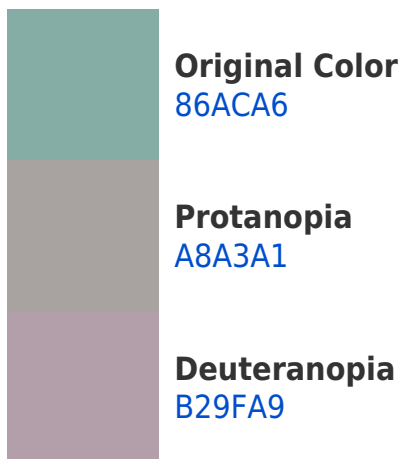


This preview shows how white text looks on a background with the Hex color 86ACA6.

# 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](#).

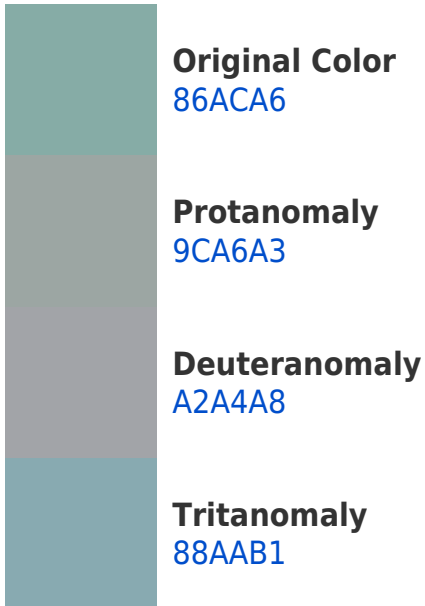
## Dichromacy



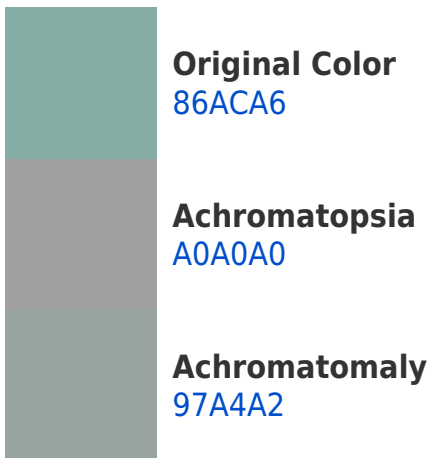


**Tritanopia**  
89A9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86ACA6 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 #86ACA6 looks like.

```
.text, #text, p{  
    color:#86ACA6  
}
```

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 #86ACA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86ACA6  
}
```

## Border

The CSS property to change the border of an element to Hex 86ACA6 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  
#86ACA6 }
```

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

```
.border{ border-color:#86ACA6 }
```

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

Here you see how a box with a 4 pixel #86ACA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86ACA6; -webkit-box-shadow:4px 4px  
4px 4px #86ACA6; box-shadow:4px 4px 4px  
4px #86ACA6 }
```

# Background

The CSS property to change the background color of an element to Hex 86ACA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86ACA6 }
```

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

```
.background{ background-color:#86ACA6 }
```

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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