

# Converting Colors

Hex(86ABA5)

Have a look what the booklet for  
Hex(86ABA5) contains.

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# **Color**

**Hex(86ABA5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86ABA5
RGB	134, 171, 165
RGB Percent	53%, 67%, 65%
CMY	0.4745, 0.3294, 0.3529
CMYK	0.22, 0.00, 0.04, 0.33
HSL	170°, 18%, 60%
HSV	170°, 22%, 67%
XYZ	31.1860, 36.9108, 41.0781
YIQ	159.2530, -20.1260, -9.7100

# Conversions

## Conversions Part 2

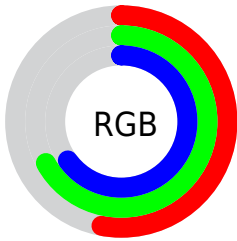
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 154, 171
Decimal	8825765
CIELab	67.21, -13.80, -1.05
CIElCh	67, 13.843, 184.348
Yxy	36.9108, 0.2857, 0.3381
Android (android.graphics.Color)	4287015845 (0xFF86ABA5)
YUV	159.2530, 2.8333, -22.1469
Hunter-Lab	60.7542, -14.6935, 2.4399

# Details

The Hex color **86ABA5** is a light color, and the websafe version is hex **669999**, and the color name is **aqua blue color (mizu-iro)**. A complement of this color would be **AB868C**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **BCE2DC**, and **537771** is the 20% darker color. If you saturate the color by 10%, you get **75ABA2**, and if you desaturate by 10%, it is **97ABA8**.

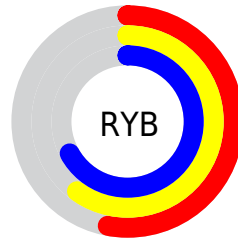
# Distribution



Red (53%)

Green (67%)

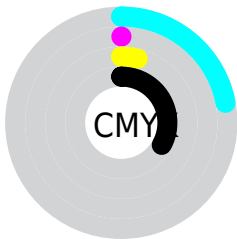
Blue (65%)



Red (53%)

Yellow (60%)

Blue (67%)

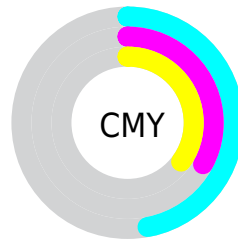


Cyan (22%)

Magenta (0%)

Yellow (4%)

Black (33%)



Cyan (47%)

Magenta (33%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86ABA5 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 86ABA5 by changing the saturation by 10% instead.





86ABA5



86ABA5

FFFFFF



6C908B



BCE2DC



537771



D8FFF8



3B5E59



F4FFFF



244641



0C302B



001B17



000000



86ABA5



86ABA5



75ABA2



97ABA8

64AB9F

A8ABAB

53AB9D

B9ABAD

42AB9A

CAABB0

31AB97

DBABB3

1FAB94

EDABB6

0EAB92

FEABB8

00AB8F

FFABBB

FFABBE

# Harmonies

## Analogous

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



90AA98



86ABA5



84AAB1

# Triad

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



86ABA5



A8A0B8



B79F8E

# Complementary

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



86ABA5



AB868C

# 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.



BE9C96



86ABA5



B69CAF

# Square

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



86ABA5



98A4BC



BD9BA2



ACA38B

# Rectangle

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



86ABA5



87A9B7



BD9BA2



BA9E90



# Sweetspot

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



86ABA5



D1DEDC



8CAB86



68706F



F0F0F0



707070



# Same Dimension

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



86ABA5



A4DED4



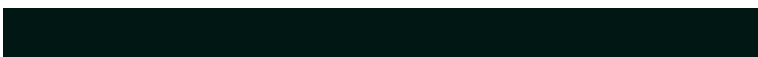
869FAB



4E5755



00967E



001713



# Inverse Universe

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



AB868C



DEA4AE



AB9286



574E4F



960018



170004



# Previews

## White Background



This preview shows how the Hex color 86ABA5 looks on a white background.

## Color Contrast Check

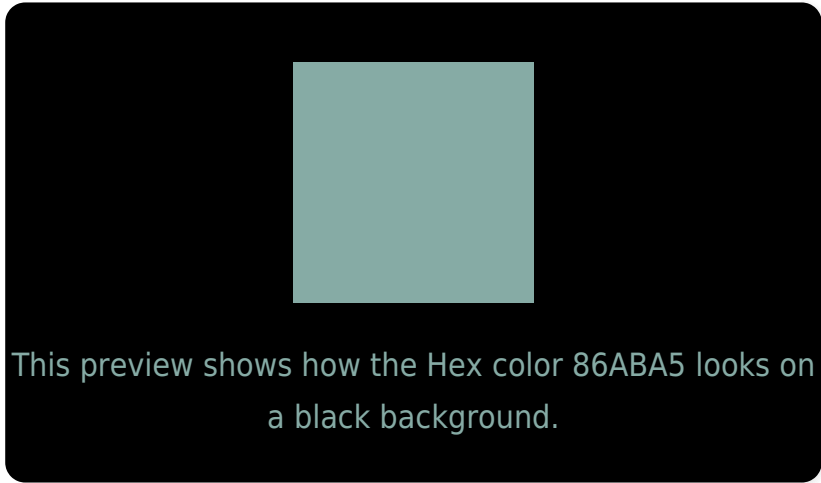
Large Text (above 18pt) WCAG AA × Fail

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

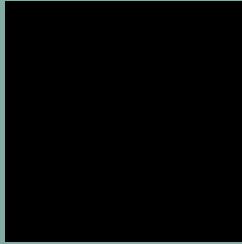
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 86ABA5 Background



This preview shows how black text looks on a background with the Hex color 86ABA5.

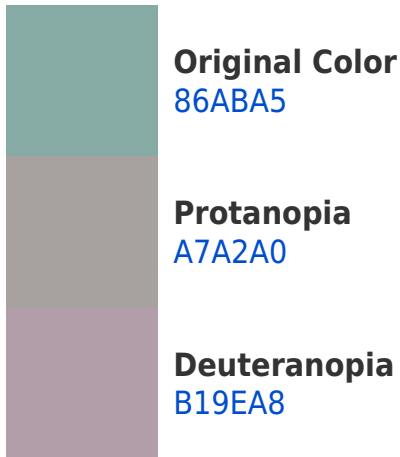


This preview shows how white text looks on a background with the Hex color 86ABA5.

# 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](#).

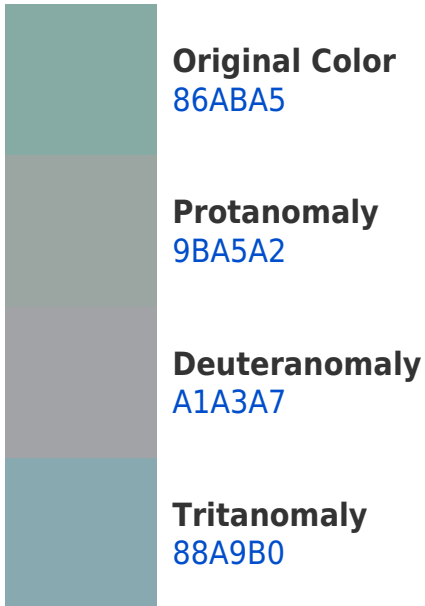
## Dichromacy



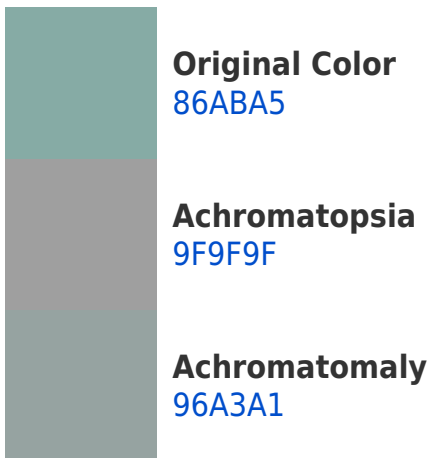


**Tritanopia**  
89A8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86ABA5 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 #86ABA5 looks like.

```
.text, #text, p{  
    color:#86ABA5  
}
```

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 #86ABA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86ABA5
}
```

## Border

The CSS property to change the border of an element to Hex 86ABA5 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
#86ABA5 }
```

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

```
.border{ border-color:#86ABA5 }
```

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

Here you see how a box with a 4 pixel #86ABA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86ABA5; -webkit-box-shadow:4px 4px  
4px 4px #86ABA5; box-shadow:4px 4px 4px  
4px #86ABA5 }
```

# Background

The CSS property to change the background color of an element to Hex 86ABA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86ABA5 }
```

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

```
.background{ background-color:#86ABA5 }
```

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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