

# Converting Colors

Hex(86A4A0)

Have a look what the booklet for  
Hex(86A4A0) contains.

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# **Color**

**Hex(86A4A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86A4A0
RGB	134, 164, 160
RGB Percent	53%, 64%, 63%
CMY	0.4745, 0.3569, 0.3725
CMYK	0.18, 0.00, 0.02, 0.36
HSL	172°, 14%, 58%
HSV	172°, 18%, 64%
XYZ	29.4521, 34.1573, 38.2984
YIQ	154.5740, -16.5960, -7.6040

# Conversions

## Conversions Part 2

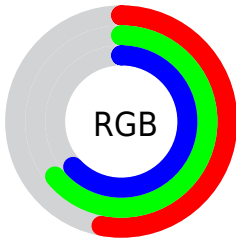
Format	Color
<a href="#">RYB</a>	<a href="#">134, 150, 164</a>
Decimal	<a href="#">8823968</a>
CIELab	<a href="#">65.09, -11.17, -1.37</a>
CIElCh	<a href="#">65, 11.251, 187.012</a>
Yxy	<a href="#">34.1573, 0.2890, 0.3352</a>
Android (android.graphics.Color)	<a href="#">4287014048 (0xFF86A4A0)</a>
YUV	<a href="#">154.5740, 2.6750, -18.0434</a>
Hunter-Lab	<a href="#">58.4443, -12.3250, 2.0583</a>

# Details

The Hex color **86A4A0** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A4868A**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **BCDBD7**, and **54706D** is the 20% darker color. If you saturate the color by 10%, you get **76A49E**, and if you desaturate by 10%, it is **96A4A2**.

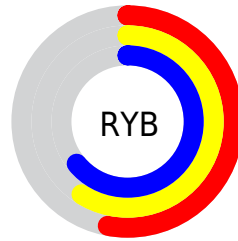
# Distribution



Red (53%)

Green (64%)

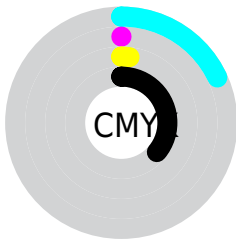
Blue (63%)



Red (53%)

Yellow (59%)

Blue (64%)

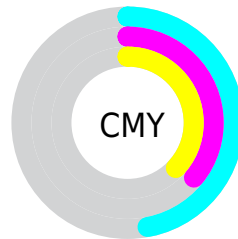


Cyan (18%)

Magenta (0%)

Yellow (2%)

Black (36%)



Cyan (47%)

Magenta (36%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86A4A0 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 86A4A0 by changing the saturation by 10% instead.





86A4A0



86A4A0

FFFFFF



6C8A86



BCDBD7



54706D



D7F8F3



3C5854



F4FFFF



25403D



0F2A28



001713



000000



86A4A0



86A4A0



76A49E



96A4A2

65A49C

A7A4A4

55A499

B7A4A7

44A497

C8A4A9

34A495

D8A4AB

24A493

E8A4AD

13A491

F9A4AF

03A48F

FFA4B1

00A48E

FFA4B4

# Harmonies

## Analogous

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



8DA396



86A4A0



85A3AA

# Triad

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



86A4A0



A39BAE



AD9B8C

# Complementary

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



86A4A0



A4868A

# 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.



B39892



86A4A0



AD98A6

# Square

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



86A4A0



969EB2



B3979C



A49E8A

# Rectangle

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



86A4A0



88A2AE



B3979C



B09A8D



# Sweetspot

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



86A4A0



CBD6D5



8AA486



656B6A



EBEBEB



6B6B6B



# Same Dimension

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



86A4A0



A7D6D0



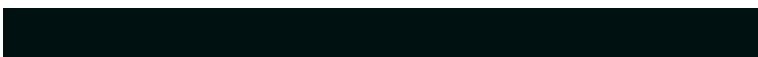
8699A4



495251



00917E



00120F



# Inverse Universe

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



A4868A



D6A7AD



A49186



52494B



910013



120002



# Previews

## White Background



This preview shows how the Hex color 86A4A0 looks on a white background.

## Color Contrast Check

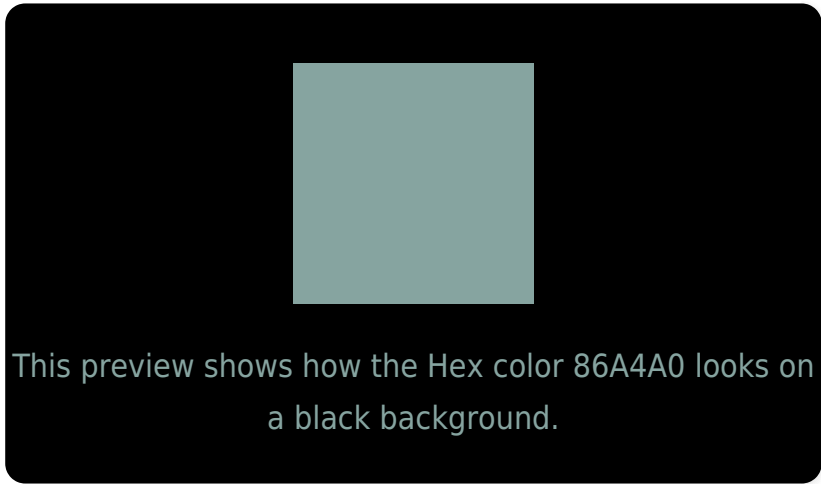
Large Text (above 18pt) WCAG AA × Fail

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

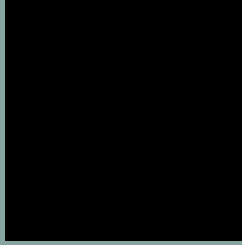
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 86A4A0 Background



This preview shows how black text looks on a background with the Hex color 86A4A0.

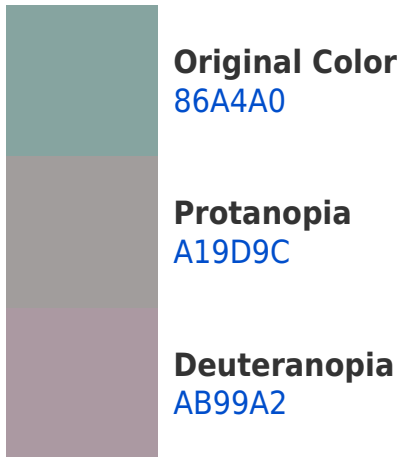


This preview shows how white text looks on a background with the Hex color 86A4A0.

# 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**  
89A2AF

# Trichromacy



**Original Color**  
86A4A0

**Protanomaly**  
97A09D

**Deuteranomaly**  
9E9DA1

**Tritanomaly**  
88A3AA

# Monochromacy



**Original Color**  
86A4A0

**Achromatopsia**  
9B9B9B

**Achromatomaly**  
939E9D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86A4A0 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 #86A4A0 looks like.

```
.text, #text, p{  
    color:#86A4A0  
}
```

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 #86A4A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A4A0
}
```

## Border

The CSS property to change the border of an element to Hex 86A4A0 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
#86A4A0 }
```

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

```
.border{ border-color:#86A4A0 }
```

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

Here you see how a box with a 4 pixel #86A4A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A4A0; -webkit-box-shadow:4px 4px  
4px 4px #86A4A0; box-shadow:4px 4px 4px  
4px #86A4A0 }
```

# Background

The CSS property to change the background color of an element to Hex 86A4A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A4A0 }
```

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

```
.background{ background-color:#86A4A0 }
```

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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