

# Converting Colors

Hex(84956A)

Have a look what the booklet for  
Hex(84956A) contains.

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**Color**

**Hex(84956A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	84956A
RGB	132, 149, 106
RGB Percent	52%, 58%, 42%
CMY	0.4824, 0.4157, 0.5843
CMYK	0.11, 0.00, 0.29, 0.42
HSL	84°, 17%, 50%
HSV	84°, 29%, 58%
XYZ	22.8647, 27.4410, 17.7272
YIQ	139.0150, 3.6710, -16.9770

# Conversions

## Conversions Part 2

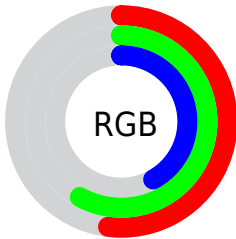
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 149, 123
Decimal	8689002
CIELab	59.38, -13.95, 20.76
CIElCh	59, 25.009, 123.902
Yxy	27.4410, 0.3361, 0.4033
Android (android.graphics.Color)	4286879082 (0xFF84956A)
YUV	139.0150, -16.2764, -6.1522
Hunter-Lab	52.3842, -13.7605, 16.6047

# Details

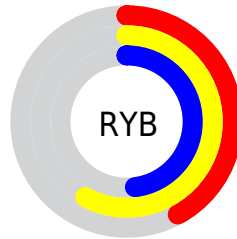
The Hex color **84956A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7B6A95**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **B9CB9E**, and **52623A** is the 20% darker color. If you saturate the color by 10%, you get **7E955B**, and if you desaturate by 10%, it is **8A9579**.

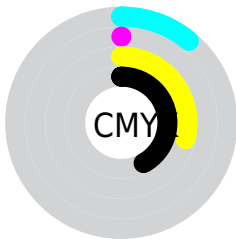
# Distribution



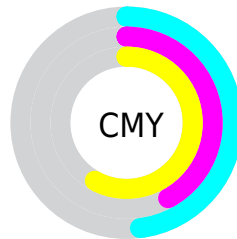
- Red (52%)
- Green (58%)
- Blue (42%)



- Red (42%)
- Yellow (58%)
- Blue (48%)



- Cyan (11%)
- Magenta (0%)
- Yellow (29%)
- Black (42%)



- Cyan (48%)
- Magenta (42%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84956A 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 84956A by changing the saturation by 10% instead.





84956A



84956A

FFFFFF



6A7B52



B9CB9E



52623A



D5E7B9



3A4A24



F2FFD4



24340F



FFFFF1



0F1F00



000000



84956A



84956A



7E955B



8A9579



78954C



909588

72953D

969597

6C952E

9C95A6

67951F

A195B5

619511

A795C3

5B9502

AD95D2

5A9500

B395E1

B995F0

# Harmonies

## Analogous

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



9C8E63



84956A



6B997B

# Triad

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



84956A



5996B6



BA7F8D

# Complementary

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



84956A



7B6A95

# 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.



AE82A3



84956A



7790BA

# Square

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



84956A



4A9AA7



9688B3



BA8178

# Rectangle

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



84956A



5B9B8A



9688B3



B77F94



# Sweetspot

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



84956A



BBC2B0



957A6A



5D6156



E0E0E0



616161



# Same Dimension

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



84956A



A7C27E



6F956A



474A43



538A00



060A00



# Inverse Universe

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



7B6A95



997EC2



906A95



45434A



36008A



04000A



# Previews

## White Background



This preview shows how the Hex color 84956A looks on a white background.

## Color Contrast Check

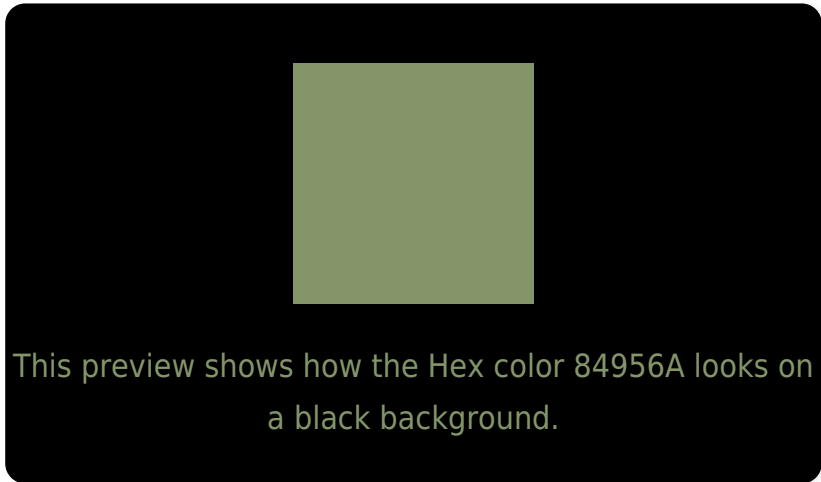
Large Text (above 18pt) WCAG AA ✓ Pass

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

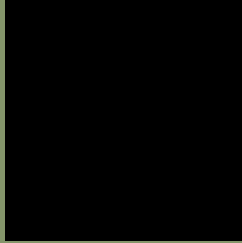
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 84956A Background



This preview shows how black text looks on a background with the Hex color 84956A.

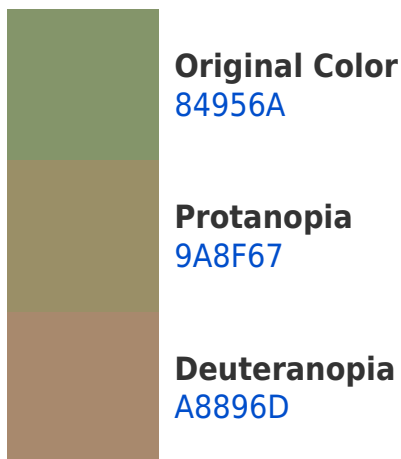


This preview shows how white text looks on a background with the Hex color 84956A.

# 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



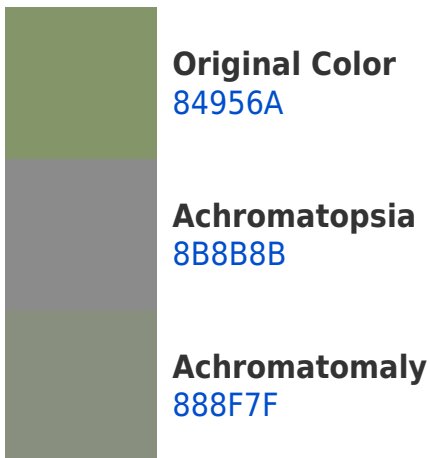


**Tritanopia**  
8B8F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84956A 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 #84956A looks like.

```
.text, #text, p{  
    color:#84956A  
}
```

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 #84956A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84956A
}
```

## Border

The CSS property to change the border of an element to Hex 84956A 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
#84956A }
```

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

```
.border{ border-color:#84956A }
```

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

Here you see how a box with a 4 pixel #84956A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84956A; -webkit-box-shadow:4px 4px  
4px 4px #84956A; box-shadow:4px 4px 4px  
4px #84956A }
```

# Background

The CSS property to change the background color of an element to Hex 84956A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84956A }
```

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

```
.background{ background-color:#84956A }
```

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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