

# Converting Colors

Hex(85886A)

Have a look what the booklet for  
Hex(85886A) contains.

<b>Hex(85886A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(85886A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	85886A
RGB	133, 136, 106
RGB Percent	52%, 53%, 42%
CMY	0.4784, 0.4667, 0.5843
CMYK	0.02, 0.00, 0.22, 0.47
HSL	66°, 12%, 47%
HSV	66°, 22%, 53%
XYZ	21.0785, 23.6355, 17.0868
YIQ	131.6830, 7.8420, -9.9660

# Conversions

## Conversions Part 2

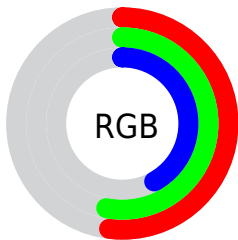
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 136, 109
Decimal	8751210
CIE <sub>Lab</sub>	55.72, -6.49, 15.78
CIE <sub>LCh</sub>	56, 17.064, 112.371
Yxy	23.6355, 0.3411, 0.3824
Android (android.graphics.Color)	4286941290 (0xFF85886A)
YUV	131.6830, -12.6617, 1.1550
Hunter-Lab	48.6163, -7.6865, 13.1932

# Details

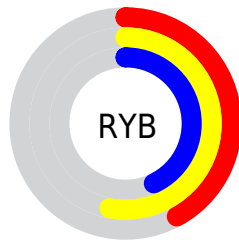
The Hex color **85886A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6D6A88**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **BABD9D**, and **53563B** is the 20% darker color. If you saturate the color by 10%, you get **84885C**, and if you desaturate by 10%, it is **868878**.

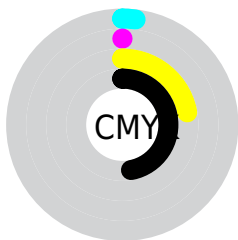
# Distribution



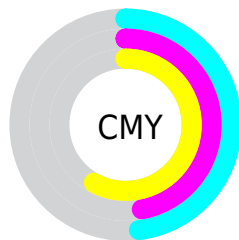
- Red (52%)
- Green (53%)
- Blue (42%)



- Red (42%)
- Yellow (53%)
- Blue (43%)



- Cyan (2%)
- Magenta (0%)
- Yellow (22%)
- Black (47%)



- Cyan (48%)
- Magenta (47%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85886A 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 85886A by changing the saturation by 10% instead.





85886A



85886A

FFFFFF



6C6F52



BABD9D



53563B



D6D9B8



3C3F25



F3F5D4



262910



FFFFF0



0F1500



000000



85886A



85886A



84885C




868878



82884F



888885

 818841

 898893

 808834

 8A88A0

 7E8826

 8C88AE

 7D8818

 8D88BC

 7B880B

 8F88C9

 7A8800

 9088D7

 9188E4

# Harmonies

## Analogous

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



948368



85886A



748C73

# Triad

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



85886A



618C9C



A17B8A

# Complementary

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



85886A



6D6A88

# 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.



957E98



85886A



6F88A2

# Square

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



85886A



5D8E90



8383A1



A47B7B

# Rectangle

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



85886A



6A8D7C



8383A1



9E7C8F



# Sweetspot

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



85886A



AFB0A4



886D6A



595952



D9D9D9



595959



# Same Dimension

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



85886A



ABB082



77886A



44453E



778500



050500



# Inverse Universe

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



6D6A88



8782B0



7C6A88



3F3E45



0D0085



010005



# Previews

## White Background



This preview shows how the Hex color 85886A looks on a white background.

## Color Contrast Check

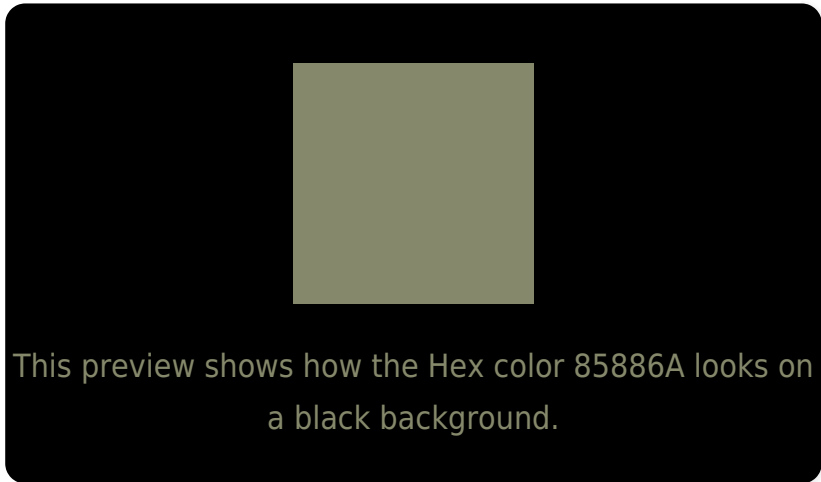
Large Text (above 18pt) WCAG AA ✓ Pass

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

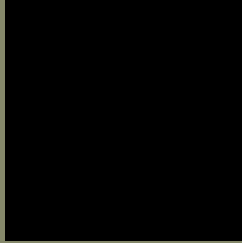
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 85886A Background



This preview shows how black text looks on a background with the Hex color 85886A.



This preview shows how white text looks on a background with the Hex color 85886A.

# 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



**Original Color**  
85886A

**Protanopia**  
8E8569

**Deuteranopia**  
9B806C



**Tritanopia**  
8A838E

# Trichromacy



**Original Color**  
85886A

**Protanomaly**  
8B8669

**Deuteranomaly**  
93836B

**Tritanomaly**  
888581

# Monochromacy



**Original Color**  
85886A

**Achromatopsia**  
848484

**Achromatomaly**  
84857B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85886A 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 #85886A looks like.

```
.text, #text, p{  
    color:#85886A  
}
```

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 #85886A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85886A
}
```

## Border

The CSS property to change the border of an element to Hex 85886A 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
#85886A }
```

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

```
.border{ border-color:#85886A }
```

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

Here you see how a box with a 4 pixel #85886A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85886A; -webkit-box-shadow:4px 4px  
4px 4px #85886A; box-shadow:4px 4px 4px  
4px #85886A }
```

# Background

The CSS property to change the background color of an element to Hex 85886A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85886A }
```

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

```
.background{ background-color:#85886A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor