

Converting Colors

Hex(87936A)

Have a look what the booklet for
Hex(87936A) contains.

Hex(87936A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(87936A)

Conversions

Conversions Part 1

Format	Color
Hex	87936A
RGB	135, 147, 106
RGB Percent	53%, 58%, 42%
CMY	0.4706, 0.4235, 0.5843
CMYK	0.08, 0.00, 0.28, 0.42
HSL	78°, 16%, 50%
HSV	78°, 28%, 58%
XYZ	23.0269, 27.0589, 17.6449
YIQ	138.7380, 6.0090, -15.2950

Conversions

Conversions Part 2

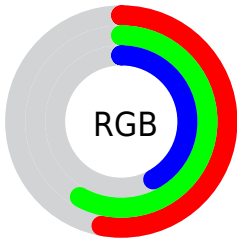
Format	Color
R_{YB}	106, 147, 118
Decimal	8885098
CIE _{Lab}	59.03, -11.70, 20.32
CIE _{LCh}	59, 23.449, 119.934
Yxy	27.0589, 0.3400, 0.3995
Android (android.graphics.Color)	4287075178 (0xFF87936A)
YUV	138.7380, -16.1398, -3.2782
Hunter-Lab	52.0182, -12.0152, 16.3012

Details

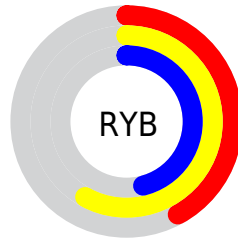
The Hex color **87936A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **766A93**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **BDC99E**, and **55603A** is the 20% darker color. If you saturate the color by 10%, you get **83935B**, and if you desaturate by 10%, it is **8B9379**.

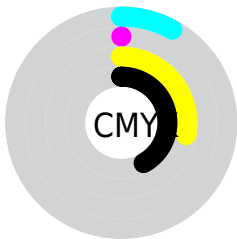
Distribution



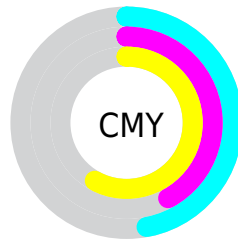
- Red (53%)
- Green (58%)
- Blue (42%)



- Red (42%)
- Yellow (58%)
- Blue (46%)



- Cyan (8%)
- Magenta (0%)
- Yellow (28%)
- Black (42%)



- Cyan (47%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87936A 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 87936A by changing the saturation by 10% instead.

 87936A

 87936A

FFFFFF

 6D7952

 BDC99E

 55603A

 D9E5B9

 3D4924

 F5FFD4

 27320F

 FFFFF1

 121D00

 000000

 87936A

 87936A

 83935B

 8B9379

 7E934D

 909387

7A933E

949396

76932F

9893A5

719321

9D93B4

6D9312

A193C2

699303

A593D1

689300

A993E0

AE93EE

Harmonies

Analogous

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



9D8D65



87936A



6F9779

Triad

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



87936A



5A96B1



B67F8F

Complementary

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



87936A



766A93

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.



A882A3



87936A



7490B7

Square

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



87936A



5099A2



9189B2



B7807A

Rectangle

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



87936A



609986



9189B2



B28096

Sweetspot

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



87936A



BBFB0



93766A



5E6157



E0E0E0



616161

Same Dimension

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



87936A



ADBF80



73936A



484A43



618A00



070A00

Inverse Universe

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



766A93



9380BF



8A6A93



45434A



28008A



03000A

Previews

White Background



This preview shows how the Hex color 87936A looks on a white background.

Color Contrast Check

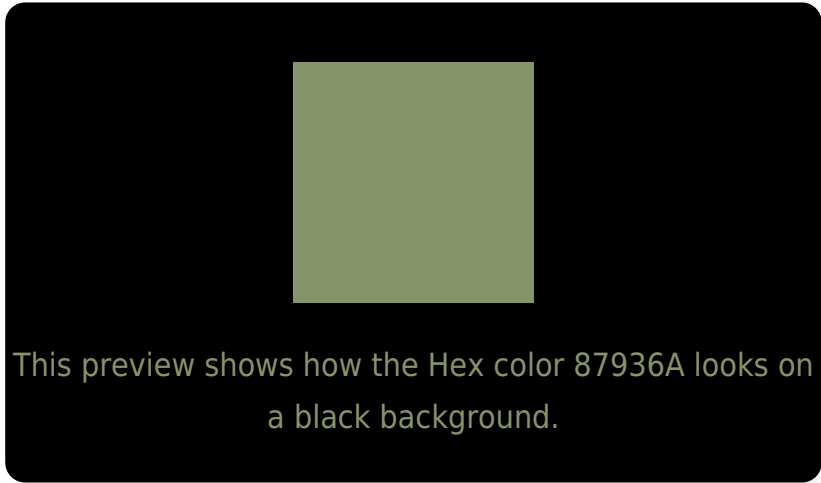
Large Text (above 18pt) WCAG AA ✓ Pass

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

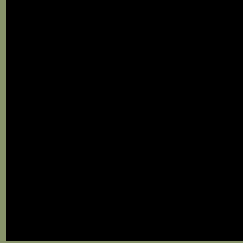
Any Text WCAG AA ✓ Pass

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 87936A Background



This preview shows how black text looks on a background with the Hex color 87936A.



This preview shows how white text looks on a background with the Hex color 87936A.

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
87936A

Protanopia
988E68

Deuteranopia
A7886C



Tritanopia
8D8D98

Trichromacy



Original Color
87936A

Protanomaly
929069

Deuteranomaly
9B8C6B

Tritanomaly
8B8F87

Monochromacy



Original Color
87936A

Achromatopsia
8B8B8B

Achromatomaly
8A8E7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 87936A 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 #87936A looks like.

```
.text, #text, p{  
    color:#87936A  
}
```

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 #87936A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87936A
}
```

Border

The CSS property to change the border of an element to Hex 87936A 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
#87936A }
```

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

```
.border{ border-color:#87936A }
```

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

Here you see how a box with a 4 pixel #87936A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87936A; -webkit-box-shadow:4px 4px  
4px 4px #87936A; box-shadow:4px 4px 4px  
4px #87936A }
```

Background

The CSS property to change the background color of an element to Hex 87936A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87936A }
```

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

```
.background{ background-color:#87936A }
```

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