

Converting Colors

Hex(887ACC)

Have a look what the booklet for
Hex(887ACC) contains.

Hex(887ACC)	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(887ACC)

Conversions

Conversions Part 1

Format	Color
Hex	887ACC
RGB	136, 122, 204
RGB Percent	53%, 48%, 80%
CMY	0.4667, 0.5216, 0.2000
CMYK	0.33, 0.40, 0.00, 0.20
HSL	250°, 45%, 64%
HSV	250°, 40%, 80%
XYZ	28.0120, 23.5129, 60.1888
YIQ	135.5340, -17.9780, 28.4700

Conversions

Conversions Part 2

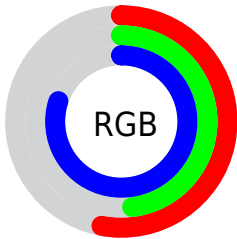
Format	Color
RYB	136, 122, 204
Decimal	8944332
CIELab	55.60, 24.13, -40.70
CIELCh	56, 47.315, 300.667
Yxy	23.5129, 0.2507, 0.2105
Android (android.graphics.Color)	4287134412 (0xFF887ACC)
YUV	135.5340, 33.7537, 0.4087
Hunter-Lab	48.4901, 18.2588, -39.6511

Details

The Hex color **887ACC** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **BECC7A**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **BFAFFF**, and **534995** is the 20% darker color. If you saturate the color by 10%, you get **7766CC**, and if you desaturate by 10%, it is **998ECC**.

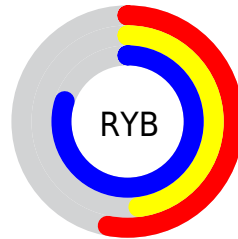
Distribution



Red (53%)

Green (48%)

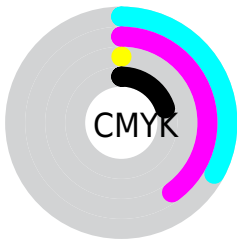
Blue (80%)



Red (53%)

Yellow (48%)

Blue (80%)

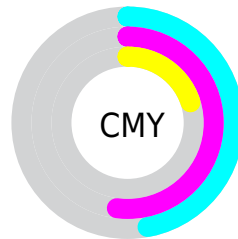


Cyan (33%)

Magenta (40%)

Yellow (0%)

Black (20%)



Cyan (47%)

Magenta (52%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 887ACC 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 887ACC by changing the saturation by 10% instead.

■ 887ACC

■ 887ACC

FFFFFF

■ 6D61B0

■ BFAFFF

■ 534995

■ DCCAFF

■ 38327B

■ F9E6FF

■ 1D1D62

■ 000849

■ 000032

■ 00021C

■ 000000

■ 887ACC

■ 887ACC

7766CC

998ECC

6651CC

AAA3CC

553DCC

BBB7CC

4428CC

CCCCCC

3314CC

DDE0CC

2300CC

EEF4CC

FEFFCC

FFFFCC

Harmonies

Analogous

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



2F89D7



887ACC



B86AAE

Triad

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



887ACC



BC743D



009985

Complementary

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



887ACC



BECC7A

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.



39965B



887ACC



9B832F

Square

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



887ACC



CF665E



728F3B



0099AE

Rectangle

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



887ACC



CA6294



728F3B



009977

Sweetspot

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



887ACC



E6E0FF



7ABECC



716E80



000000



808080

Same Dimension

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



887ACC



9985FF



B17ACC



5E5C66



1C00A6



070026

Inverse Universe

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



CC7ABE



FF85EA



95CC7A



665C64



A60089



260020

Previews

White Background



This preview shows how the Hex color 887ACC looks on a white background.

Color Contrast Check

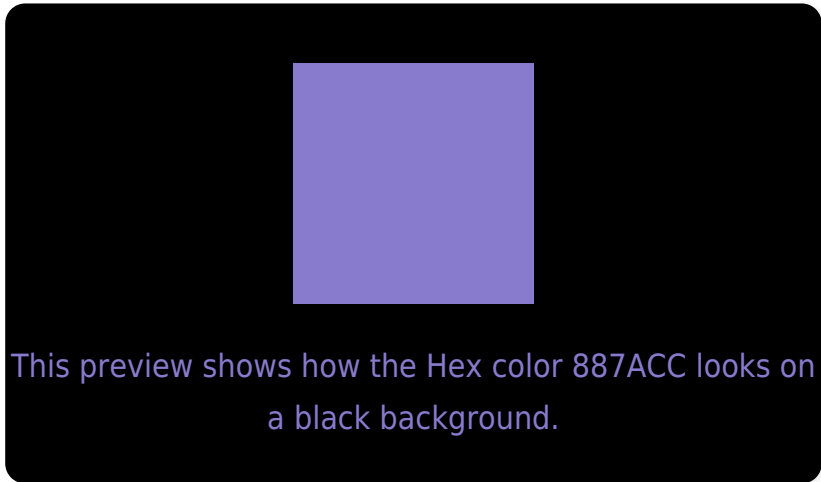
Large Text (above 18pt) WCAG AA ✓ Pass

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

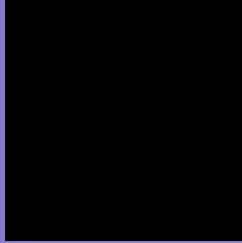
Any Text WCAG AA ✓ Pass

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 887ACC Background



This preview shows how black text looks on a background with the Hex color 887ACC.

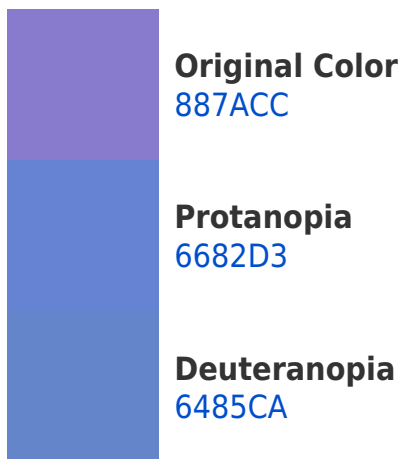


This preview shows how white text looks on a background with the Hex color 887ACC.

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](#).

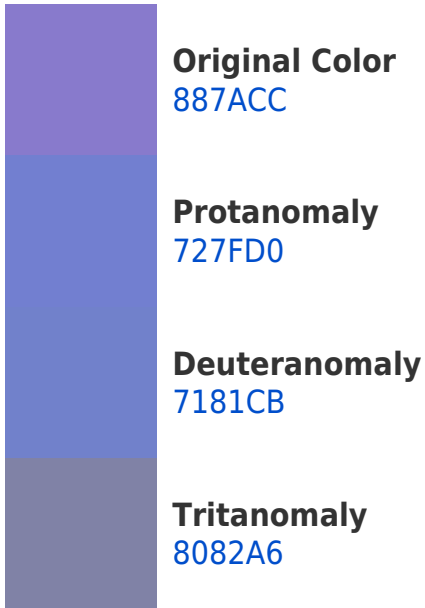
Dichromacy



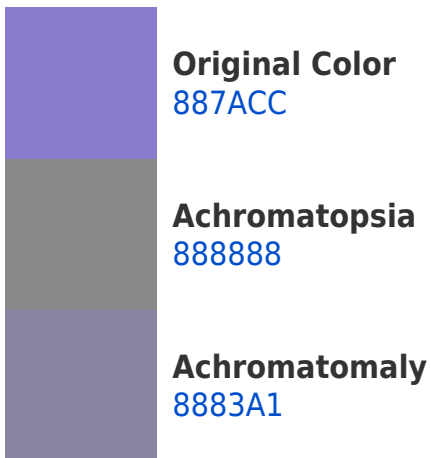


Tritanopia
7C8791

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 887ACC 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 #887ACC looks like.

```
.text, #text, p{  
    color:#887ACC  
}
```

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 #887ACC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #887ACC  
}
```

Border

The CSS property to change the border of an element to Hex 887ACC 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  
#887ACC }
```

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

```
.border{ border-color:#887ACC }
```

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

Here you see how a box with a 4 pixel #887ACC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #887ACC; -webkit-box-shadow:4px 4px  
4px 4px #887ACC; box-shadow:4px 4px 4px  
4px #887ACC }
```

Background

The CSS property to change the background color of an element to Hex 887ACC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#887ACC }
```

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

```
.background{ background-color:#887ACC }
```

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