

Converting Colors

Hex(CF87A3)

Have a look what the booklet for
Hex(CF87A3) contains.

Hex(CF87A3)	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(CF87A3)

Conversions

Conversions Part 1

Format	Color
Hex	CF87A3
RGB	207, 135, 163
RGB Percent	81%, 53%, 64%
CMY	0.1882, 0.4706, 0.3608
CMYK	0.00, 0.35, 0.21, 0.19
HSL	337°, 43%, 67%
HSV	337°, 35%, 81%
XYZ	41.0070, 33.2377, 38.9045
YIQ	159.7200, 33.9240, 23.9720

Conversions

Conversions Part 2

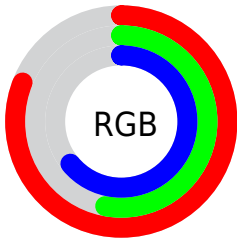
Format	Color
R_{YB}	207, 135, 163
Decimal	13600675
CIE _{Lab}	64.35, 31.46, -3.38
CIE _{LCh}	64, 31.645, 353.868
Yxy	33.2377, 0.3624, 0.2938
Android (android.graphics.Color)	4291790755 (0xFFCF87A3)
YUV	159.7200, 1.6170, 41.4646
Hunter-Lab	57.6521, 26.0727, 0.3467

Details

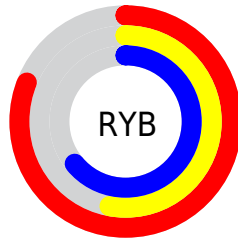
The Hex color **CF87A3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **87CFB3**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFBDDA**, and **97546F** is the 20% darker color. If you saturate the color by 10%, you get **CF7296**, and if you desaturate by 10%, it is **CF9CB0**.

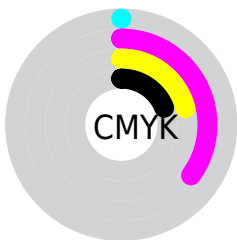
Distribution



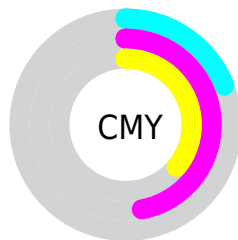
- Red (81%)
- Green (53%)
- Blue (64%)



- Red (81%)
- Yellow (53%)
- Blue (64%)



- Cyan (0%)
- Magenta (35%)
- Yellow (21%)
- Black (19%)



- Cyan (19%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF87A3 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 CF87A3 by changing the saturation by 10% instead.



CF87A3



CF87A3

FFFFFF



B36D89



FFBDDA



97546F



FFD9F6



7C3C57



FFF6FF



622440



490A2A



310016



110000



000000



CF87A3



CF87A3

 CF7296

 CF9CB0

 CF5E8A

 CFB0BC

 CF497D

 CFC5C9

 CF3470

 CFDAD6

 CF2064

 CFEFE2

 CF0B57

 CFFFEF

 CF0050

 CFFFFC

 CFFFFFF

Harmonies

Analogous

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



BA8DBE



CF87A3



D48887

Triad

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



CF87A3



98A168



43A8C9

Complementary

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



CF87A3



87CFB3

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.



3AABB2



CF87A3



77A87A

Square

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



CF87A3



B59864



55AB95



6CA1D4

Rectangle

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



CF87A3



CF8C76



55AB95



3BA9C2

Sweetspot

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



CF87A3



FFE6EF



B287CF



807076



000000



808080

Same Dimension

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



CF87A3



FF94BE



CF8E87



695E62



A80041



290010

Inverse Universe

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



CF87A3



FF94BE



87C8CF



695E62



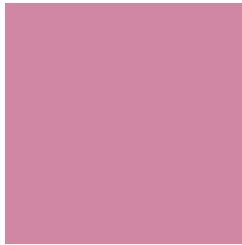
A80041



290010

Previews

White Background



This preview shows how the Hex color CF87A3 looks on a white background.

Color Contrast Check

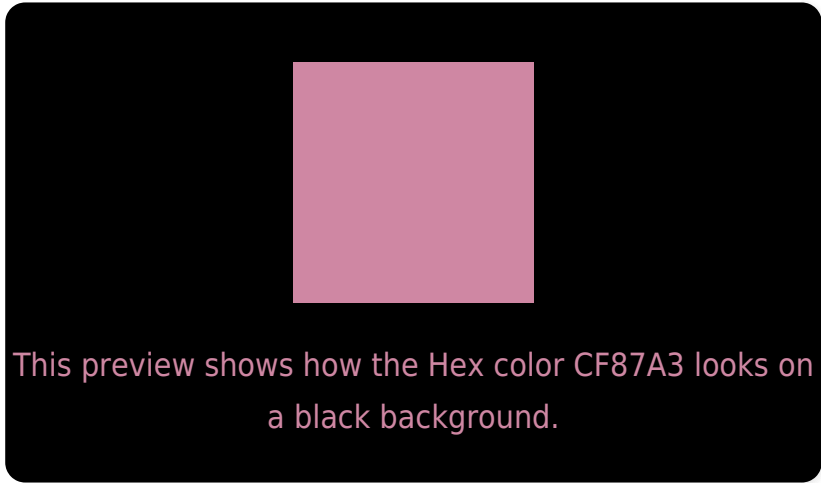
Large Text (above 18pt) WCAG AA × Fail

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 CF87A3 Background



This preview shows how black text looks on a background with the Hex color CF87A3.

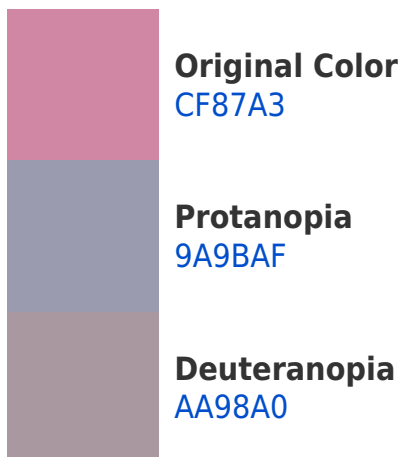



This preview shows how white text looks on a background with the Hex color CF87A3.

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
CD8A94

Trichromacy



Original Color
CF87A3

Protanomaly
AD94AB

Deuteranomaly
B792A1

Tritanomaly
CE8999

Monochromacy



Original Color
CF87A3

Achromatopsia
A0A0A0

Achromatomaly
B197A1

CSS Examples

Text

The CSS property to change the color of the text to Hex CF87A3 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 #CF87A3 looks like.

```
.text, #text, p{  
    color:#CF87A3  
}
```

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 #CF87A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF87A3
}
```

Border

The CSS property to change the border of an element to Hex CF87A3 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
#CF87A3 }
```

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

```
.border{ border-color:#CF87A3 }
```

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

Here you see how a box with a 4 pixel #CF87A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF87A3; -webkit-box-shadow:4px 4px  
4px 4px #CF87A3; box-shadow:4px 4px 4px  
4px #CF87A3 }
```

Background

The CSS property to change the background color of an element to Hex CF87A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF87A3 }
```

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

```
.background{ background-color:#CF87A3 }
```

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