

Converting Colors

Hex(FFACCC)

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

Hex(FFACCC)	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(FFACCC)

Conversions

Conversions Part 1

Format	Color
Hex	FFACCC
RGB	255, 172, 204
RGB Percent	100%, 67%, 80%
CMY	0.0000, 0.3255, 0.2000
CMYK	0.00, 0.33, 0.20, 0.00
HSL	337°, 100%, 84%
HSV	337°, 33%, 100%
XYZ	66.8916, 55.1247, 64.2413
YIQ	200.4650, 39.1960, 27.5480

Conversions

Conversions Part 2

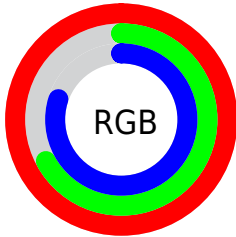
Format	Color
R _Y B	255, 172, 204
Decimal	16755916
CIE Lab	79.11, 34.78, -3.76
CIE LCh	79, 34.981, 353.835
Yxy	55.1247, 0.3591, 0.2960
Android (android.graphics.Color)	4294945996 (0xFFFFACCC)
YUV	200.4650, 1.7428, 47.8272
Hunter-Lab	74.2460, 30.8883, 0.6716

Details

The Hex color **FFACCC** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **ACFFDF**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFE4FF**, and **C57796** is the 20% darker color. If you saturate the color by 10%, you get **FF93BC**, and if you desaturate by 10%, it is **FFC6DC**.

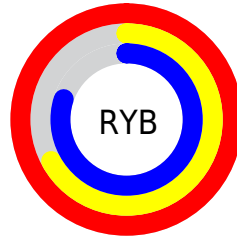
Distribution



Red (100%)

Green (67%)

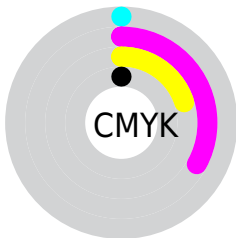
Blue (80%)



Red (100%)

Yellow (67%)

Blue (80%)

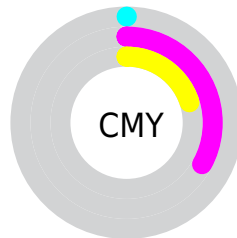


Cyan (0%)

Magenta (33%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (20%)

Brightness & Saturation Gradients

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

 FFACCC

 FFACCC

FFFFFF

 E291B1

 FFE4FF

 C57796

 A95D7C

 8D4463

 722B4B

 581235

 3F0020

 2B0007

 000000

 FFACCC

 FFACCC

 FF93BC

 FFC6DC

 FF79AD

 FFD FEB

 FF609D

 FFF9FB

 FF468D

FFFFFF

 FF2D7E

 FF136E

 FF0062

Harmonies

Analogous

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



E7B3EB



FFACCC



FFADAB

Triad

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



FFACCC



C0CA88



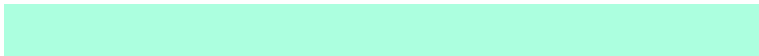
63D1F8

Complementary

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



FFACCC



ACFFDF

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.



59D5DD



FFACCC



9AD19D

Square

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



FFACCC



E1C083



74D5BC



8EC9FF

Rectangle

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



FFACCC



FFB198



74D5BC



5BD3F0

Sweetspot

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



FFACCC



FFE6EF



DEACFF



807076



000000



808080

Same Dimension

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



FFACCC



FF9CC2



FFB4AC



807378



BF004A



400019

Inverse Universe

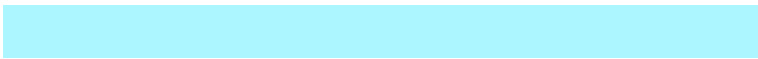
The Inverse Universe completely reimagines the original color for something new.



FFACCC



FF9CC2



ACF7FF



807378



BF004A



400019

Previews

White Background



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

Color Contrast Check

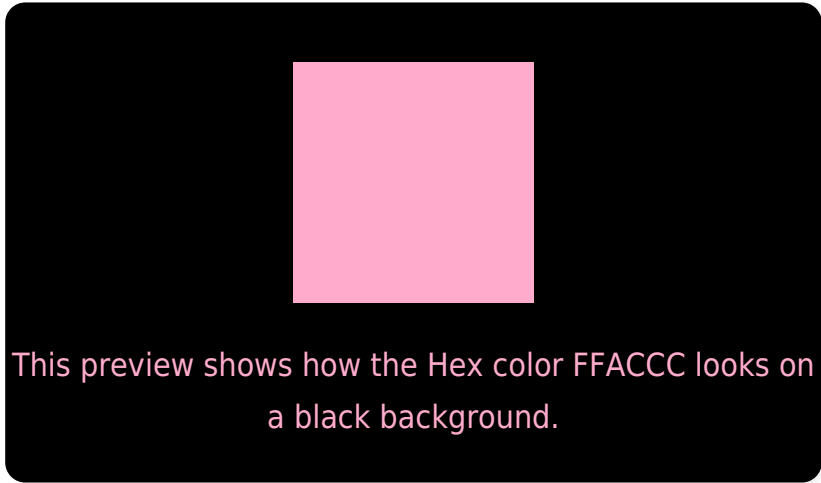
Large Text (above 18pt) WCAG AA × Fail

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 FFACCC Background



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

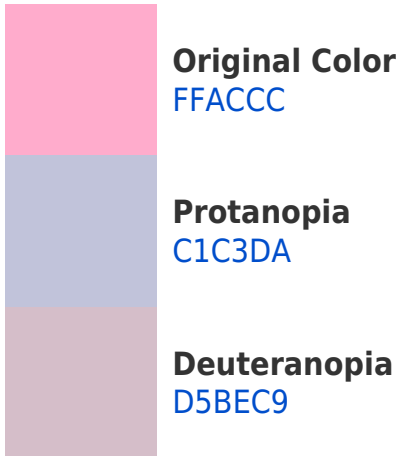


This preview shows how white text looks on a background with the Hex color FFACCC.

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



Trichromacy



Original Color
FFACCC



Protanomaly
D8BBD5



Deuteranomaly
E4B7CA

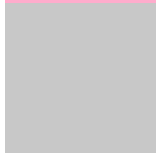


Tritanomaly
FEAEC2

Monochromacy



Original Color
FFACCC



Achromatopsia
C8C8C8



Achromatomaly
DCBEC9

CSS Examples

Text

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

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

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 #FFACCC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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