

# Converting Colors

Hex(FFCAC2)

Have a look what the booklet for  
Hex(FFCAC2) contains.

<b>Hex(FFCAC2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(FFCAC2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFCAC2
RGB	255, 202, 194
RGB Percent	100%, 79%, 76%
CMY	0.0000, 0.2078, 0.2392
CMYK	0.00, 0.21, 0.24, 0.00
HSL	8°, 100%, 88%
HSV	8°, 24%, 100%
XYZ	72.0981, 67.3961, 60.2477
YIQ	216.9350, 34.1560, 8.7480

# Conversions

## Conversions Part 2

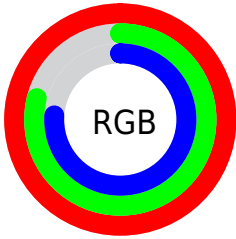
Format	Color
R <sub>Y</sub> B	255, 203, 194
Decimal	16763586
CIE Lab	85.70, 17.62, 11.16
CIE LCh	86, 20.858, 32.338
Yxy	67.3961, 0.3610, 0.3374
Android (android.graphics.Color)	4294953666 (0xFFFFCAC2)
YUV	216.9350, -11.3070, 33.3830
Hunter-Lab	82.0951, 13.0970, 13.9550

# Details

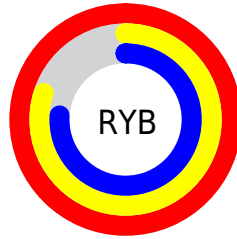
The Hex color **FFCAC2** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **C2F7FF**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFFFA**, and **C5948C** is the 20% darker color. If you saturate the color by 10%, you get **FFB4A9**, and if you desaturate by 10%, it is **FFE0DB**.

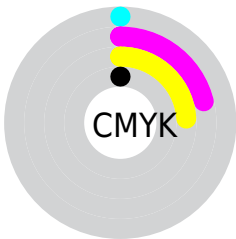
# Distribution



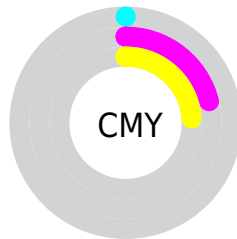
- Red (100%)
- Green (79%)
- Blue (76%)



- Red (100%)
- Yellow (80%)
- Blue (76%)



- Cyan (0%)
- Magenta (21%)
- Yellow (24%)
- Black (0%)



- Cyan (0%)
- Magenta (21%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFCAC2 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 FFCAC2 by changing the saturation by 10% instead.



 FFCAC2

 FFCAC2

FFFFFF

 E2AFA7

 FFFFFA

 C5948C

 AA7A73

 8E615A

 744943

 5A322D

 411C18

 2B0600

 000000

 FFCAC2

 FFCAC2

 FFB4A9

 FFE0DB

 FF9E8F

 FFF6F5

 FF8876

FFFFFF

 FF715C

 FF5B42

 FF4529

 FF2F10

 FF2100

# Harmonies

## Analogous

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



FEC8D5



FFCAC2



F6CFB4

# Triad

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



FFCAC2



B8E0C3



C2D7FD

# Complementary

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



FFCAC2



C2F7FF

# 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.



ACDDF9



FFCAC2



A7E2D7

# Square

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



FFCAC2



CEDBB5



A2E1EB



DCD1F8

# Rectangle

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



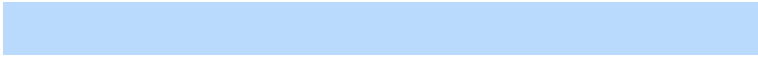
FFCAC2



EBD3AF



A2E1EB



BADAFD



# Sweetspot

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



FFCAC2



FFEDED



FFC2F8



807775



000000



808080



# Same Dimension

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



FFCAC2



FFBFB5



FFE8C2



807473



BF1900



400800



# Inverse Universe

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



C2F7FF



B5F5FF



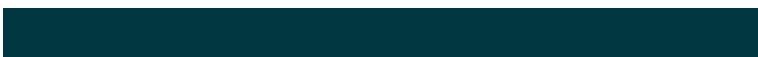
C2D9FF



737E80



00A6BF



003740



# Previews

## White Background



This preview shows how the Hex color FFCAC2 looks on a white background.

## Color Contrast Check

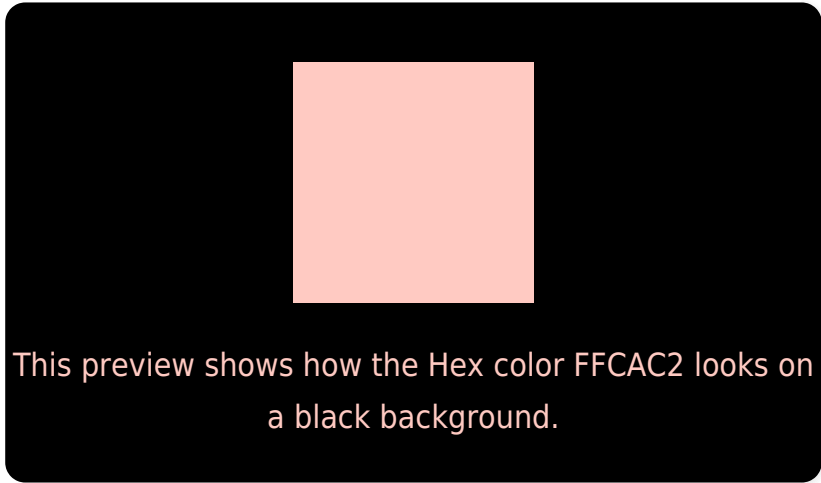
Large Text (above 18pt) WCAG AA × Fail

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 FFCAC2 Background



This preview shows how black text looks on a background with the Hex color FFCAC2.

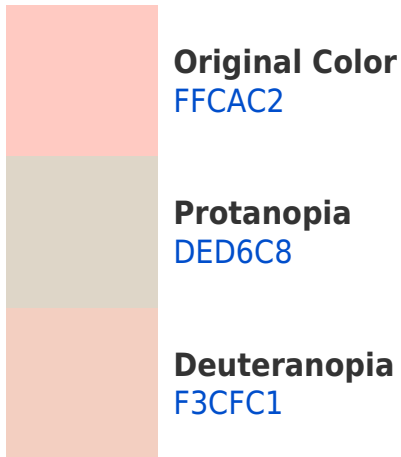


This preview shows how white text looks on a background with the Hex color FFCAC2.

# 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**  
FFC8D6

# Trichromacy



**Original Color**  
FFCAC2

**Protanomaly**  
EAD2C6

**Deuteranomaly**  
F7CDC1

**Tritanomaly**  
FFC9CF

# Monochromacy



**Original Color**  
FFCAC2

**Achromatopsia**  
D9D9D9

**Achromatomaly**  
E7D4D1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFCAC2 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 #FFCAC2 looks like.

```
.text, #text, p{  
    color:#FFCAC2  
}
```

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 #FFCAC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFCAC2
}
```

## Border

The CSS property to change the border of an element to Hex FFCAC2 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
#FFCAC2 }
```

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

```
.border{ border-color:#FFCAC2 }
```

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

Here you see how a box with a 4 pixel #FFCAC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFCAC2; -webkit-box-shadow:4px 4px  
4px 4px #FFCAC2; box-shadow:4px 4px 4px  
4px #FFCAC2 }
```

# Background

The CSS property to change the background color of an element to Hex FFCAC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFCAC2 }
```

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

```
.background{ background-color:#FFCAC2 }
```

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](#).



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