

# Converting Colors

Hex(FFC3B2)

Have a look what the booklet for  
Hex(FFC3B2) contains.

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# **Color**

**Hex(FFC3B2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">FFC3B2</a>
RGB	<a href="#">255, 195, 178</a>
RGB Percent	<a href="#">100%, 76%, 70%</a>
CMY	<a href="#">0.0000, 0.2353, 0.3020</a>
CMYK	<a href="#">0.00, 0.24, 0.30, 0.00</a>
HSL	<a href="#">13°, 100%, 85%</a>
HSV	<a href="#">13°, 30%, 100%</a>
XYZ	<a href="#">68.7910, 63.5046, 50.7514</a>
YIQ	<a href="#">211.0020, 41.2170, 7.4330</a>

# Conversions

## Conversions Part 2

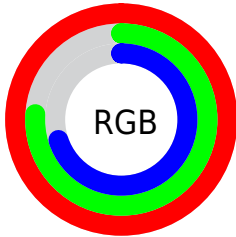
Format	Color
R <sub>Y</sub> B	255, 200, 178
Decimal	16761778
CIE Lab	83.71, 19.15, 16.84
CIE LCh	84, 25.498, 41.332
Yxy	63.5046, 0.3758, 0.3469
Android (android.graphics.Color)	4294951858 (0xFFFFC3B2)
YUV	211.0020, -16.2700, 38.5862
Hunter-Lab	79.6898, 14.6304, 18.0233

# Details

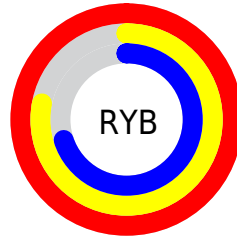
The Hex color **FFC3B2** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **B2EEFF**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFCEA**, and **C58D7D** is the 20% darker color. If you saturate the color by 10%, you get **FFAF98**, and if you desaturate by 10%, it is **FFD7CB**.

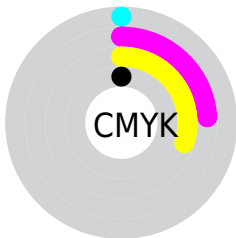
# Distribution



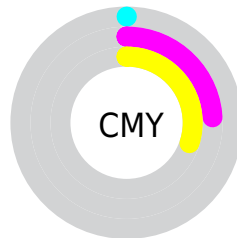
- Red (100%)
- Green (76%)
- Blue (70%)



- Red (100%)
- Yellow (78%)
- Blue (70%)



- Cyan (0%)
- Magenta (24%)
- Yellow (30%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFC3B2 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 FFC3B2 by changing the saturation by 10% instead.



 FFC3B2

 FFC3B2

FFFFFF

 E2A897

 FFFCEA

 C58D7D

 A97364

 8D5B4C

 734336

 592C20

 3F160A

 280000

 000000

 FFC3B2

 FFC3B2

 FFAF98

 FFD7CB

 FF9B7F

 FFEBE5

 FF8765

FFFFFF

 FF744C

 FF6032

 FF4C19

 FF3800

# Harmonies

## Analogous

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



FFC0C8



FFC3B2



F0CAA4

# Triad

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



FFC3B2



A4DDC1



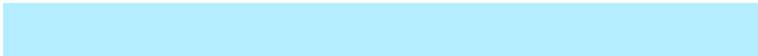
C1D0FF

# Complementary

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



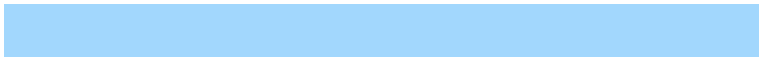
FFC3B2



B2EEFF

# 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.



A2D7FD



FFC3B2



91DED9

# Square

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



FFC3B2



BED9AC



8FDCEF



E0C7F5

# Rectangle

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



FFC3B2



E2CFA1



8FDCEF



B6D2FF

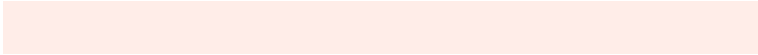


# Sweetspot

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



FFC3B2



FFEDE8



FFB2EE



807571



000000



808080



# Same Dimension

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



FFC3B2



FFB7A3



FFE9B2



807673



BF2A00

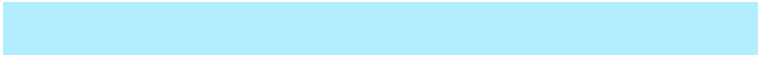


400E00

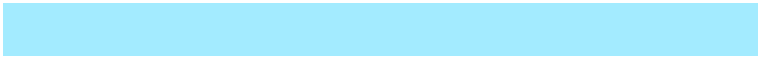


# Inverse Universe

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



B2EEFF



A3EBFF



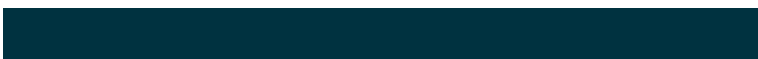
B2C8FF



737D80



0095BF



003240



# Previews

## White Background



This preview shows how the Hex color FFC3B2 looks on a white background.

## Color Contrast Check

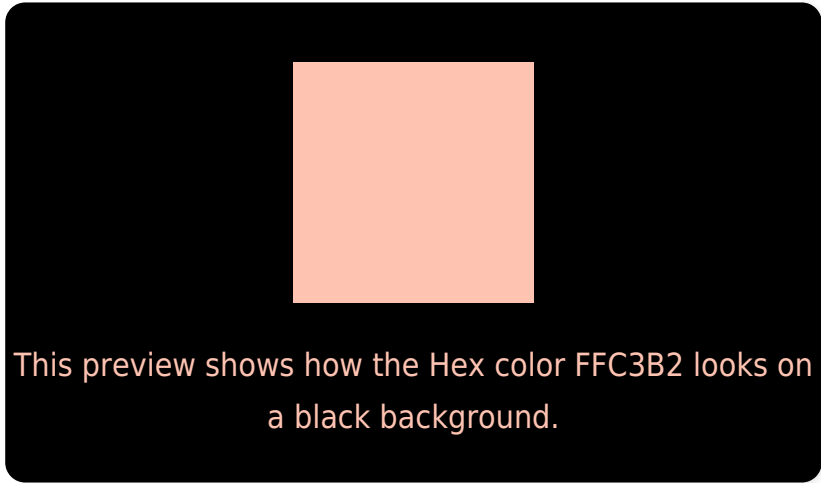
Large Text (above 18pt) WCAG AA × Fail

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

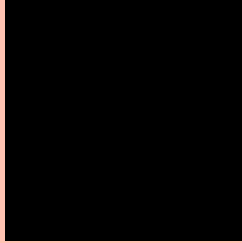
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FFC3B2 Background



This preview shows how black text looks on a background with the Hex color FFC3B2.

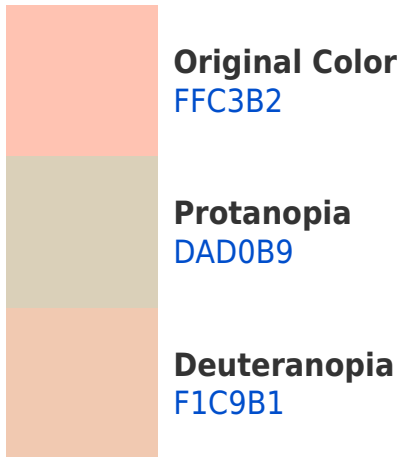


This preview shows how white text looks on a background with the Hex color FFC3B2.

# Color Blindness Simulation

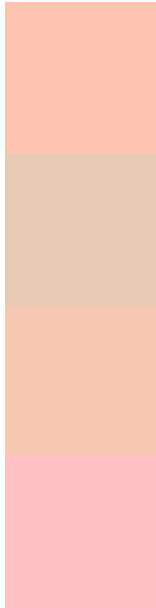
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



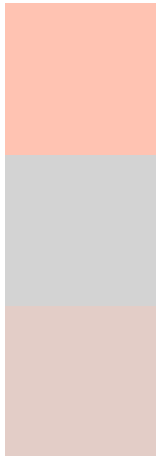
**Original Color**  
FFC3B2

**Protanomaly**  
E7CBB6

**Deuteranomaly**  
F6C7B1

**Tritanomaly**  
FFC1C4

# Monochromacy



**Original Color**  
FFC3B2

**Achromatopsia**  
D3D3D3

**Achromatomaly**  
E3CDC7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFC3B2 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 #FFC3B2 looks like.

```
.text, #text, p{  
    color:#FFC3B2  
}
```

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 #FFC3B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC3B2
}
```

## Border

The CSS property to change the border of an element to Hex FFC3B2 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
#FFC3B2 }
```

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

```
.border{ border-color:#FFC3B2 }
```

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

Here you see how a box with a 4 pixel #FFC3B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC3B2; -webkit-box-shadow:4px 4px  
4px 4px #FFC3B2; box-shadow:4px 4px 4px  
4px #FFC3B2 }
```

# Background

The CSS property to change the background color of an element to Hex FFC3B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC3B2 }
```

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

```
.background{ background-color:#FFC3B2 }
```

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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