

# Converting Colors

Hex(FFC6A7)

Have a look what the booklet for  
Hex(FFC6A7) contains.

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# **Color**

**Hex(FFC6A7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">FFC6A7</a>
RGB	<a href="#">255, 198, 167</a>
RGB Percent	<a href="#">100%, 78%, 65%</a>
CMY	<a href="#">0.0000, 0.2235, 0.3451</a>
CMYK	<a href="#">0.00, 0.22, 0.35, 0.00</a>
HSL	<a href="#">21°, 100%, 83%</a>
HSV	<a href="#">21°, 35%, 100%</a>
XYZ	<a href="#">68.4091, 64.4382, 45.3915</a>
YIQ	<a href="#">211.5090, 43.9230, 2.4430</a>

# Conversions

## Conversions Part 2

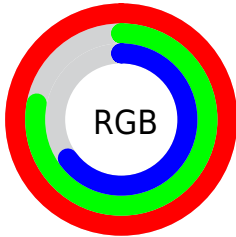
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 215, 167
Decimal	16762535
CIE <sub>Lab</sub>	84.19, 16.22, 23.34
CIE <sub>LCh</sub>	84, 28.423, 55.207
Yxy	64.4382, 0.3838, 0.3615
Android (android.graphics.Color)	4294952615 (0xFFFFC6A7)
YUV	211.5090, -21.9429, 38.1416
Hunter-Lab	80.2734, 11.6396, 22.6652

# Details

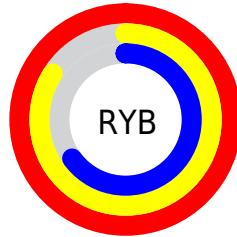
The Hex color **FFC6A7** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **A7E0FF**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFDE**, and **C59073** is the 20% darker color. If you saturate the color by 10%, you get **FFB58E**, and if you desaturate by 10%, it is **FFD7C1**.

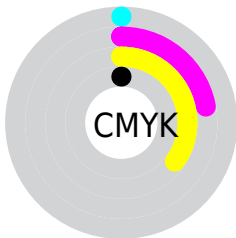
# Distribution



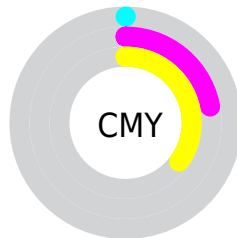
- Red (100%)
- Green (78%)
- Blue (65%)



- Red (100%)
- Yellow (84%)
- Blue (65%)



- Cyan (0%)
- Magenta (22%)
- Yellow (35%)
- Black (0%)



- Cyan (0%)
- Magenta (22%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFC6A7 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 FFC6A7 by changing the saturation by 10% instead.



 FFC6A7

 FFC6A7

FFFFFF

 E2AB8D

 FFFFDE

 C59073

 FFFFFB

 A9765A

 8D5D42

 72462C

 582F17

 3F1900

 270200

 000000

 FFC6A7

 FFC6A7

 FFB58E

 FFD7C1

 FFA574

 FFE7DA

 FF945B

 FFF8F4

 FF8441

FFFFFF

 FF7328

 FF630E

 FF5A00

# Harmonies

## Analogous

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



FFC0BC



FFC6A7



EACF9D

# Triad

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



FFC6A7



93E1CD



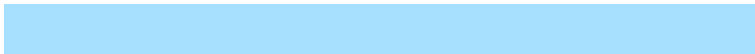
D1CDFF

# Complementary

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



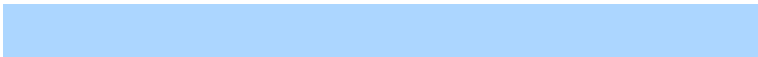
FFC6A7



A7E0FF

# 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.



ACD6FF



FFC6A7



84E1E8

# Square

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



FFC6A7



AFDEB3



8DDDFD



F1C4F1

# Rectangle

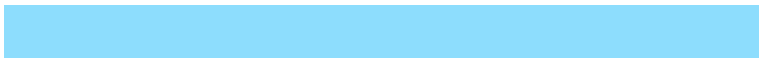
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFC6A7



D8D59E



8DDDFD



C4D0FF

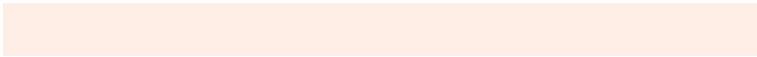


# Sweetspot

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



FFC6A7



FFEEE6



FFA7E0



807670



000000



808080



# Same Dimension

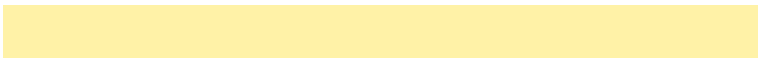
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FFC6A7



FFBB96



FFF2A7



807773



BF4300

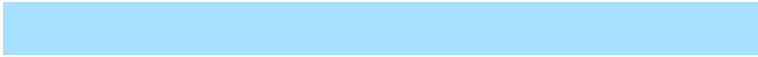


401600

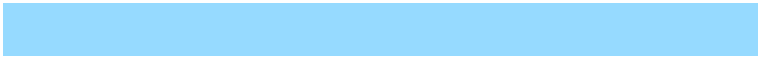


# Inverse Universe

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



A7E0FF



96DAFF



A7B4FF



737B80



007CBF



002940



# Previews

## White Background



This preview shows how the Hex color FFC6A7 looks on a white background.

## Color Contrast Check

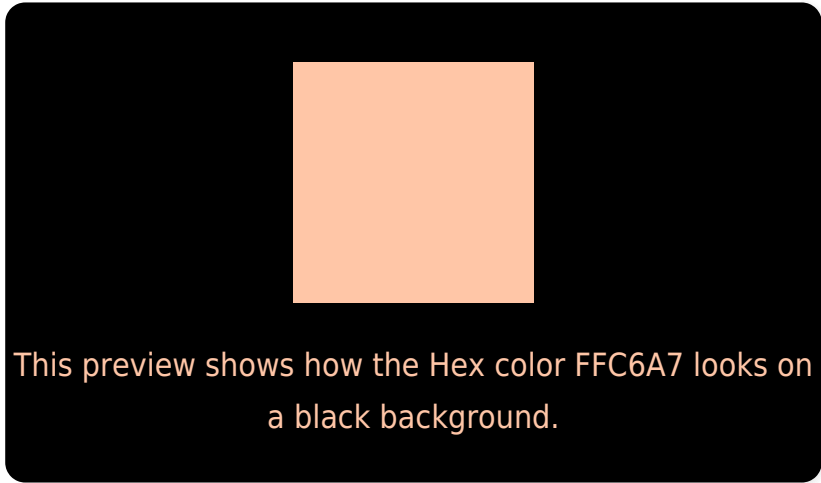
Large Text (above 18pt) WCAG AA × Fail

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

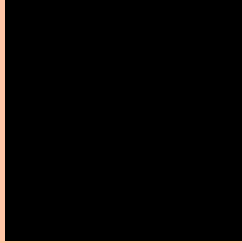
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FFC6A7 Background



This preview shows how black text looks on a background with the Hex color FFC6A7.

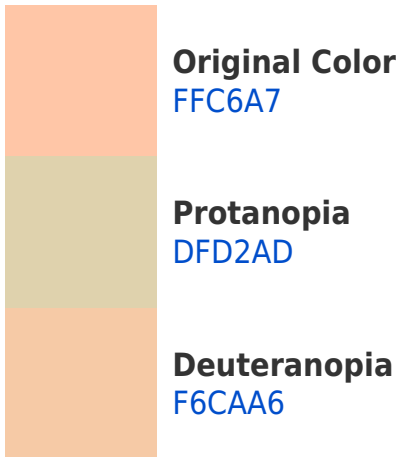


This preview shows how white text looks on a background with the Hex color FFC6A7.

# 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](#).

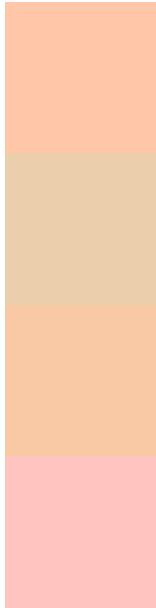
## Dichromacy





**Tritanopia**  
FFC2CF

# Trichromacy



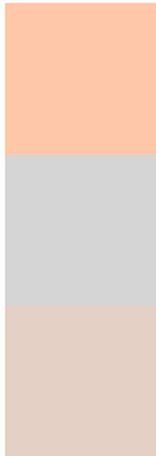
**Original Color**  
FFC6A7

**Protanomaly**  
EBCEAB

**Deuteranomaly**  
F9C9A6

**Tritanomaly**  
FFC3C0

# Monochromacy



**Original Color**  
FFC6A7

**Achromatopsia**  
D4D4D4

**Achromatomaly**  
E4CFC4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFC6A7 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 #FFC6A7 looks like.

```
.text, #text, p{  
    color:#FFC6A7  
}
```

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 #FFC6A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC6A7
}
```

## Border

The CSS property to change the border of an element to Hex FFC6A7 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
#FFC6A7 }
```

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

```
.border{ border-color:#FFC6A7 }
```

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

Here you see how a box with a 4 pixel #FFC6A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC6A7; -webkit-box-shadow:4px 4px  
4px 4px #FFC6A7; box-shadow:4px 4px 4px  
4px #FFC6A7 }
```

# Background

The CSS property to change the background color of an element to Hex FFC6A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC6A7 }
```

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

```
.background{ background-color:#FFC6A7 }
```

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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