

# Converting Colors

Hex(FFBE89)

Have a look what the booklet for  
Hex(FFBE89) contains.

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# **Color**

**Hex(FFB E89)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBE89
RGB	255, 190, 137
RGB Percent	100%, 75%, 54%
CMY	0.0000, 0.2549, 0.4627
CMYK	0.00, 0.25, 0.46, 0.00
HSL	27°, 100%, 77%
HSV	27°, 46%, 100%
XYZ	64.1688, 59.8931, 31.8454
YIQ	203.3930, 55.7530, -2.7030

# Conversions

## Conversions Part 2

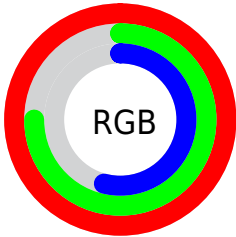
Format	Color
<a href="#">RYB</a>	<a href="#">255, 233, 137</a>
Decimal	<a href="#">16760457</a>
CIELab	<a href="#">81.78, 17.16, 35.83</a>
CIELCh	<a href="#">82, 39.728, 64.402</a>
Yxy	<a href="#">59.8931, 0.4116, 0.3842</a>
Android (android.graphics.Color)	<a href="#">4294950537 (0xFFFFBE89)</a>
YUV	<a href="#">203.3930, -32.7317, 45.2593</a>
Hunter-Lab	<a href="#">77.3906, 12.5706, 29.7763</a>

# Details

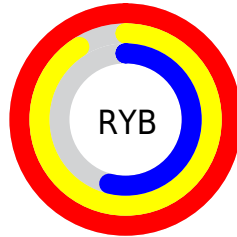
The Hex color **FFBE89** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **89CAFF**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFF6BF**, and **C48956** is the 20% darker color. If you saturate the color by 10%, you get **FFB070**, and if you desaturate by 10%, it is **FFCCA3**.

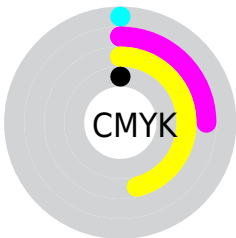
# Distribution



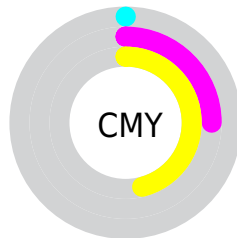
- Red (100%)
- Green (75%)
- Blue (54%)



- Red (100%)
- Yellow (91%)
- Blue (54%)



- Cyan (0%)
- Magenta (25%)
- Yellow (46%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFBE89 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 FFBE89 by changing the saturation by 10% instead.



 FFBE89

 FFBE89

FFFFFF

 E1A36F

 FFF6BF

 C48956

 FFFFDB

 A76F3E

 FFFFF8

 8B5727

 6F3F0F

 552900

 3A1400

 230000

 000000

 FFBE89

 FFBE89

 FFB070

 FFCCA3

 FFA256

 FFDABC

 FF943C

 FFE8D6

 FF8623

 FFF6EF

 FF7809

FFFFFF

 FF7300

# Harmonies

## Analogous

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



FFB3A3



FFBE89



DFCB80

# Triad

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



FFBE89



5CE0D0



D7C0FF

# Complementary

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



FFBE89



89CAFF

# 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.



A0CFFF



FFBE89



41DEF4

# Square

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



FFBE89



8BDDAA



64D8FF



FFB4EC

# Rectangle

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



FFBE89



C5D286



64D8FF



C6C4FF

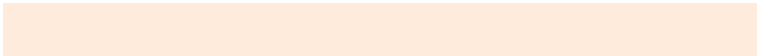


# Sweetspot

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



FFBE89



FFEBDB



FF89CC



80746A



000000



808080



# Same Dimension

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



FFBE89



FFB070



FFF789



807873



BF5600

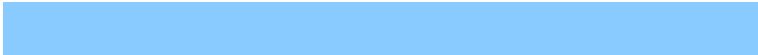


401D00

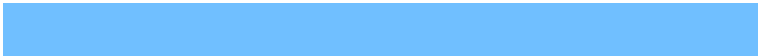


# Inverse Universe

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



89CAFF



70BFFF



8991FF



737A80



0069BF



002340



# Previews

## White Background



This preview shows how the Hex color FFBE89 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 FFBE89 Background



This preview shows how black text looks on a background with the Hex color FFBE89.

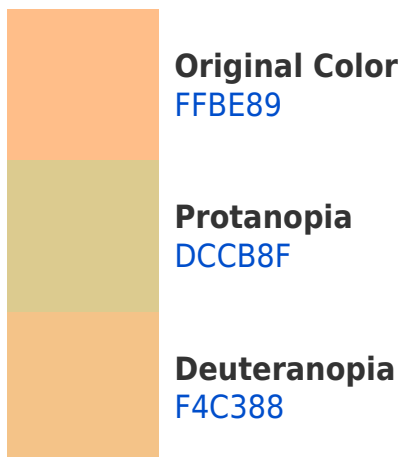


This preview shows how white text looks on a background with the Hex color FFBE89.

# 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](#).

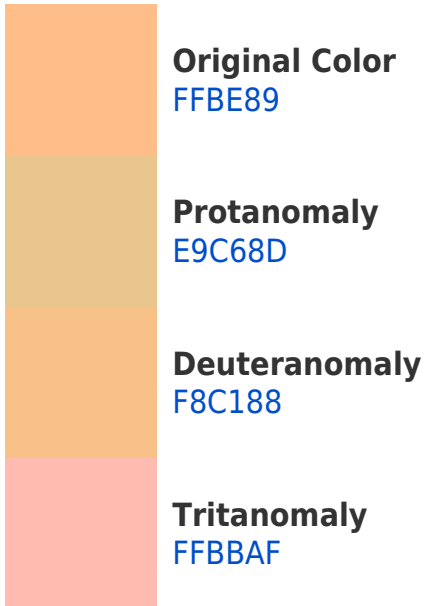
## Dichromacy



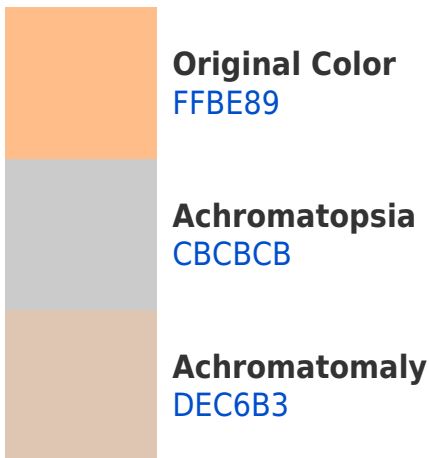


**Tritanopia**  
FFB9C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFBE89 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 #FFBE89 looks like.

```
.text, #text, p{  
    color:#FFBE89  
}
```

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 #FFBE89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFBE89
}
```

## Border

The CSS property to change the border of an element to Hex FFBE89 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
#FFBE89 }
```

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

```
.border{ border-color:#FFBE89 }
```

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

Here you see how a box with a 4 pixel #FFBE89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFBE89; -webkit-box-shadow:4px 4px  
4px 4px #FFBE89; box-shadow:4px 4px 4px  
4px #FFBE89 }
```

# Background

The CSS property to change the background color of an element to Hex FFBE89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFBE89 }
```

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

```
.background{ background-color:#FFBE89 }
```

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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