

# Converting Colors

Hex(FBC991)

Have a look what the booklet for  
Hex(FBC991) contains.

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# **Color**

**Hex(FBC991)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">FBC991</a>
RGB	<a href="#">251, 201, 145</a>
RGB Percent	<a href="#">98%, 79%, 57%</a>
CMY	<a href="#">0.0157, 0.2118, 0.4314</a>
CMYK	<a href="#">0.00, 0.20, 0.42, 0.02</a>
HSL	<a href="#">32°, 93%, 78%</a>
HSV	<a href="#">32°, 42%, 98%</a>
XYZ	<a href="#">65.7811, 64.3269, 35.7373</a>
YIQ	<a href="#">209.5660, 47.7760, -6.8160</a>

# Conversions

## Conversions Part 2

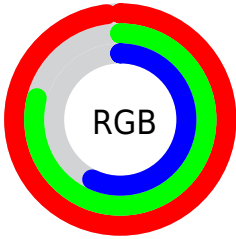
Format	Color
R <sub>Y</sub> B	240, 251, 145
Decimal	16501137
CIE Lab	84.14, 10.65, 34.69
CIE LCh	84, 36.288, 72.926
Yxy	64.3269, 0.3966, 0.3879
Android (android.graphics.Color)	4294691217 (0xFFFB991)
YUV	209.5660, -31.8310, 36.3376
Hunter-Lab	80.2040, 6.0438, 29.7243

# Details

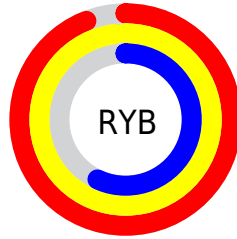
The Hex color **FBC991** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **91C3FB**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFFC7**, and **C1935E** is the 20% darker color. If you saturate the color by 10%, you get **FBBD78**, and if you desaturate by 10%, it is **FBD5AA**.

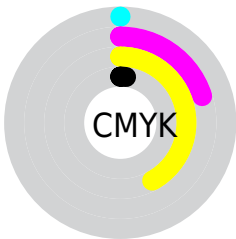
# Distribution



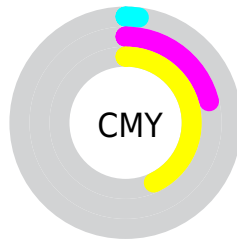
- Red (98%)
- Green (79%)
- Blue (57%)



- Red (94%)
- Yellow (98%)
- Blue (57%)



- Cyan (0%)
- Magenta (20%)
- Yellow (42%)
- Black (2%)



- Cyan (2%)
- Magenta (21%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FBC991 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 FBC991 by changing the saturation by 10% instead.



 FBC991

 FBC991

FFFFFF

 DDAE77

 FFFFC7

 C1935E

 FFFFE4

 A47945

 88612E

 6D4917

 533200

 391D00

 210600

 000000

 FBC991

 FBC991

 FBBD78

 FBD5AA

 FBB15F

 FBE1C3

 FBA546

 FBEDDC

 FB9A2D

 FBF8F5

 FB8E14

 FBFFFF

 FB8500

# Harmonies

## Analogous

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



FFBEA5



FBC991



DBD48F

# Triad

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



FBC991



6AE5E0



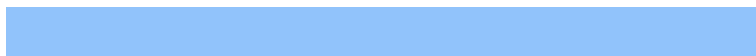
E9C4FF

# Complementary

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



FBC991



91C3FB

# 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.



BBD0FF



FBC991



64E2FF

# Square

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



FBC991



8CE3BD



88DBFF



FFBBE7

# Rectangle

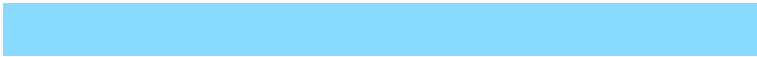
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FBC991



C2DB98



88DBFF



DBC8FF

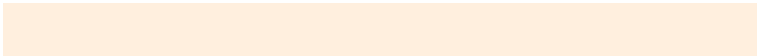


# Sweetspot

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



FBC991



FFEFDE



FB91C4



80766B



000000



808080



# Same Dimension

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



FBC991



FFC27D



F9FB91



7D7770



BD6400

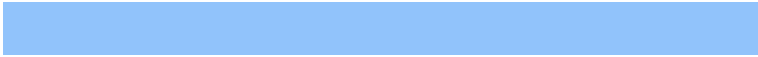


3D2000

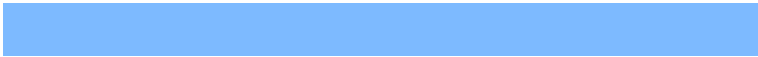


# Inverse Universe

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



91C3FB



7DBAFF



9391FB



70767D



0059BD



001D3D



# Previews

## White Background



This preview shows how the Hex color FBC991 looks on a white background.

## Color Contrast Check

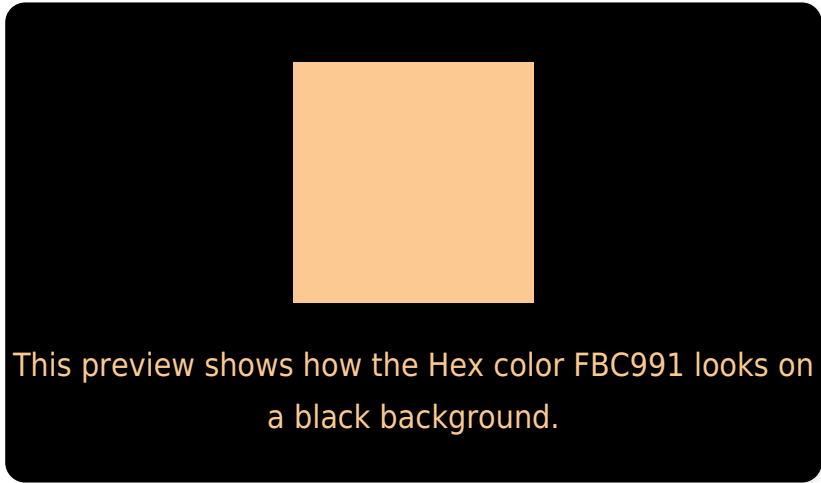
Large Text (above 18pt) WCAG AA × Fail

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

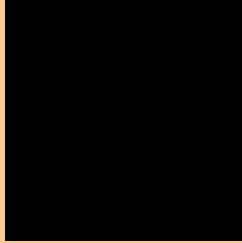
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FBC991 Background



This preview shows how black text looks on a background with the Hex color FBC991.



This preview shows how white text looks on a background with the Hex color FBC991.

# 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](#).

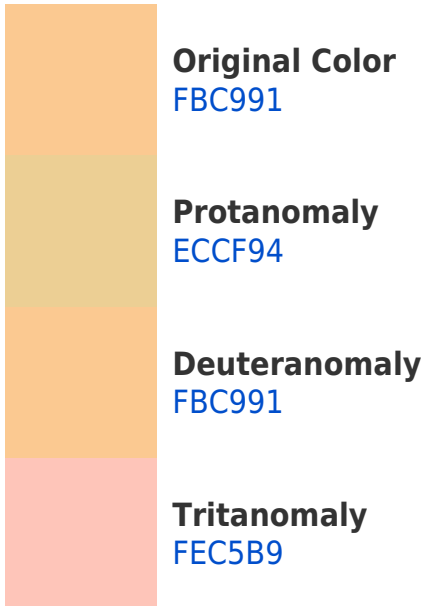
## Dichromacy



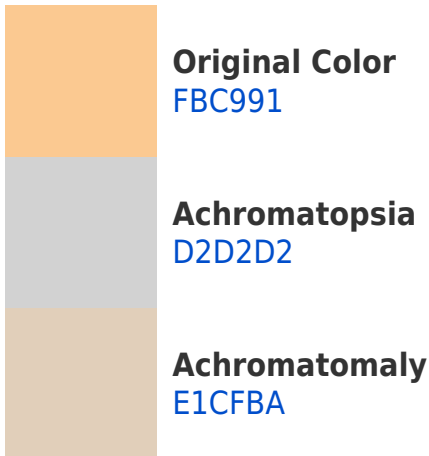


**Tritanopia**  
FFC2D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FBC991 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 #FBC991 looks like.

```
.text, #text, p{  
    color:#FBC991  
}
```

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 #FBC991 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBC991
}
```

## Border

The CSS property to change the border of an element to Hex FBC991 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
#FBC991 }
```

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

```
.border{ border-color:#FBC991 }
```

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

Here you see how a box with a 4 pixel #FBC991 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBC991; -webkit-box-shadow:4px 4px  
4px 4px #FBC991; box-shadow:4px 4px 4px  
4px #FBC991 }
```

# Background

The CSS property to change the background color of an element to Hex FBC991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBC991 }
```

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

```
.background{ background-color:#FBC991 }
```

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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