

# Converting Colors

Hex(FFE3B0)

Have a look what the booklet for  
Hex(FFE3B0) contains.

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# **Color**

**Hex(FFE3B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE3B0
RGB	255, 227, 176
RGB Percent	100%, 89%, 69%
CMY	0.0000, 0.1098, 0.3098
CMYK	0.00, 0.11, 0.31, 0.00
HSL	39°, 100%, 85%
HSV	39°, 31%, 100%
XYZ	76.5456, 79.3328, 52.3527
YIQ	229.5580, 33.0590, -9.9250

# Conversions

## Conversions Part 2

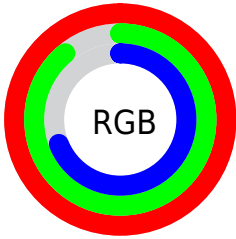
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 255, 176
Decimal	16769968
CIE <sub>Lab</sub>	91.38, 2.33, 28.46
CIE <sub>LCh</sub>	91, 28.557, 85.329
Yxy	79.3328, 0.3676, 0.3810
Android (android.graphics.Color)	4294960048 (0xFFFFE3B0)
YUV	229.5580, -26.4041, 22.3126
Hunter-Lab	89.0689, -2.4683, 27.4990

# Details

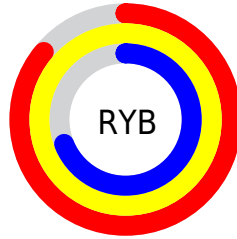
The Hex color **FFE3B0** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **B0CCFF**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFE8**, and **C5AC7B** is the 20% darker color. If you saturate the color by 10%, you get **FFDA96**, and if you desaturate by 10%, it is **FFECCA**.

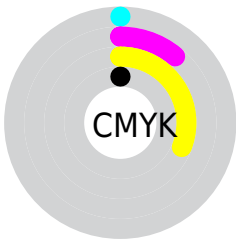
# Distribution



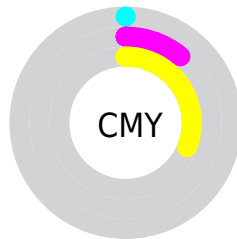
- Red (100%)
- Green (89%)
- Blue (69%)



- Red (86%)
- Yellow (100%)
- Blue (69%)



- Cyan (0%)
- Magenta (11%)
- Yellow (31%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFE3B0 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 FFE3B0 by changing the saturation by 10% instead.



 FFE3B0

 FFE3B0

FFFFFF

 E2C795

 FFFFE8

 C5AC7B

 A99162

 8E784A

 745F32

 5A471C

 413104

 2A1C00

 0D0300

 FFE3B0

 FFE3B0

 FFDA96

 FFECCA

 FFD17D

 FFF5E3

 FFC863

 FFF5FD

 FFBF4A

FFFFFF

 FFB631

 FFAD17

 FFA500

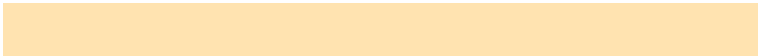
# Harmonies

## Analogous

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



FFDABA



FFE3B0



E2ECB4

# Triad

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



FFE3B0



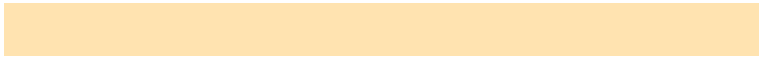
98F5FD



FFD8FF

# Complementary

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



FFE3B0



B0CCFF

# 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.



E5E1FF



FFE3B0



A2F1FF

# Square

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



FFE3B0



A7F6E1



C0EAFF



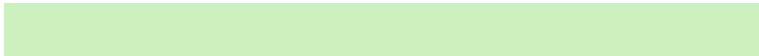
FFD3EC

# Rectangle

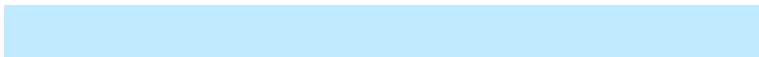
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFE3B0



CDF0BF



C0EAFB



FCDBFF

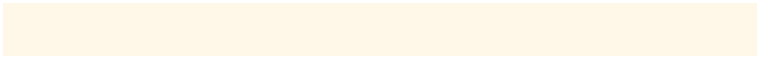


# Sweetspot

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



FFE3B0



FFF7E8



FFB0CD



807B71



000000



808080



# Same Dimension

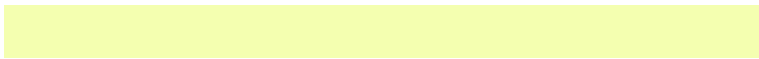
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FFE3B0



FFDEA1



F4FFB0



807B73



BF7B00



402900



# Inverse Universe

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



B0CCFF



A1C2FF



BBB0FF



737780



0044BF



001740



# Previews

## White Background



This preview shows how the Hex color FFE3B0 looks on a white background.

## Color Contrast Check

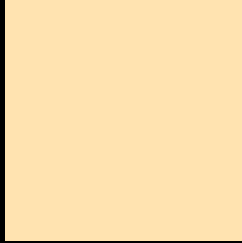
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color FFE3B0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

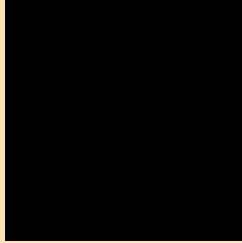
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FFE3B0 Background



This preview shows how black text looks on a background with the Hex color FFE3B0.

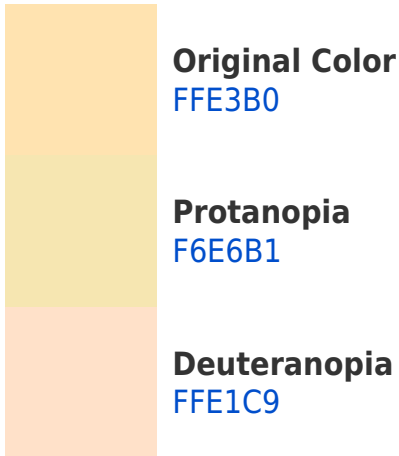


This preview shows how white text looks on a background with the Hex color FFE3B0.

# 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](#).

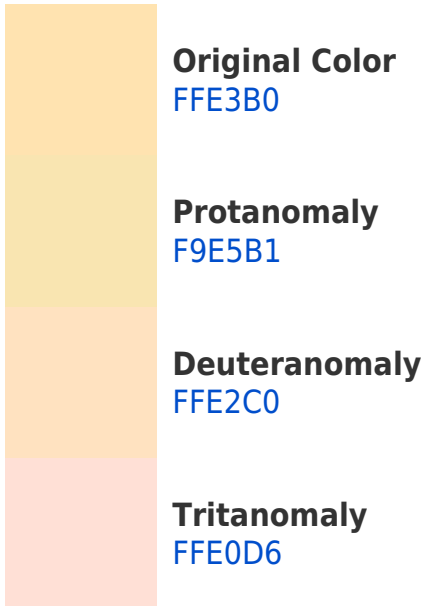
## Dichromacy



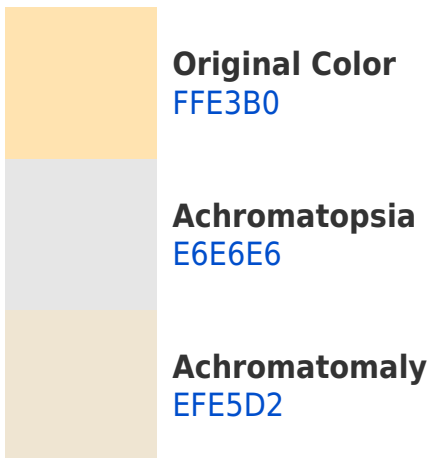


**Tritanopia**  
FFDEEB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFE3B0 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 #FFE3B0 looks like.

```
.text, #text, p{  
    color:#FFE3B0  
}
```

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 #FFE3B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE3B0
}
```

## Border

The CSS property to change the border of an element to Hex FFE3B0 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
#FFE3B0 }
```

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

```
.border{ border-color:#FFE3B0 }
```

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

Here you see how a box with a 4 pixel #FFE3B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE3B0; -webkit-box-shadow:4px 4px  
4px 4px #FFE3B0; box-shadow:4px 4px 4px  
4px #FFE3B0 }
```

# Background

The CSS property to change the background color of an element to Hex FFE3B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE3B0 }
```

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

```
.background{ background-color:#FFE3B0 }
```

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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