

# Converting Colors

Hex(FBA086)

Have a look what the booklet for  
Hex(FBA086) contains.

<b>Hex(FBA086)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(FBA086)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBA086
RGB	251, 160, 134
RGB Percent	98%, 63%, 53%
CMY	0.0157, 0.3725, 0.4745
CMYK	0.00, 0.36, 0.47, 0.02
HSL	13°, 94%, 75%
HSV	13°, 47%, 98%
XYZ	56.6575, 47.3721, 28.7118
YIQ	184.2450, 62.5820, 11.2060

# Conversions

## Conversions Part 2

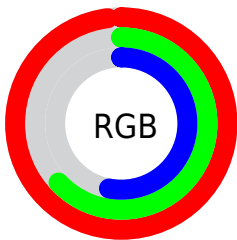
Format	Color
R <sub>Y</sub> B	251, 167, 134
Decimal	16490630
CIE Lab	74.43, 31.03, 27.66
CIE LCh	74, 41.565, 41.712
Yxy	47.3721, 0.4268, 0.3569
Android (android.graphics.Color)	4294680710 (0xFFFB086)
YUV	184.2450, -24.7708, 58.5441
Hunter-Lab	68.8274, 26.4903, 23.4459

# Details

The Hex color **FBA086** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86E1FB**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFD7BB**, and **BF6B54** is the 20% darker color. If you saturate the color by 10%, you get **FB8C6D**, and if you desaturate by 10%, it is **FBB49F**.

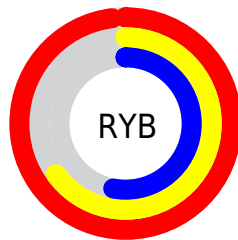
# Distribution



Red (98%)

Green (63%)

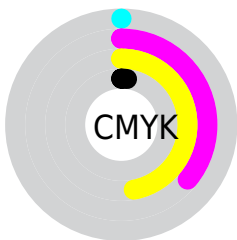
Blue (53%)



Red (98%)

Yellow (65%)

Blue (53%)

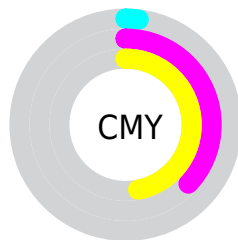


Cyan (0%)

Magenta (36%)

Yellow (47%)

Black (2%)



Cyan (2%)

Magenta (37%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FBA086 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 FBA086 by changing the saturation by 10% instead.



 FBA086

FFFFFF

 FFD7BB

 FFF4D7

 FFFFF4

 FBA086

 DD856D

 BF6B54

 A2523D

 863A26

 6A2211

 4F0800

 340000

 110000

 000000

 FBA086

 FBA086

 FB8C6D

 FBB49F

 FB7954

 FBC7B8

 FB653B

 FBDBD1

 FB5222

 FBEEEE

 FB3E08

 FBFFFF

 FB3800

# Harmonies

## Analogous

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



FF99A9



FBA086



E4AD6F

# Triad

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



FBA086



66CA9E



98B6FF

# Complementary

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



FBA086



86E1FB

# 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.



51C2FF



FBA086



25CBC5

# Square

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



FBA086



97C47D



00C9E9



CFA8F0

# Rectangle

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



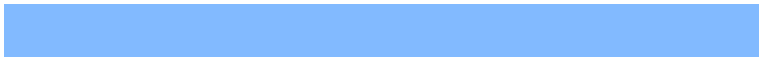
FBA086



CEB66A



00C9E9



82BAFF

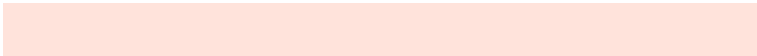


# Sweetspot

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



FBA086



FFE3DB



FB86E2



806F6A



000000



808080



# Same Dimension

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



FBA086



FF9070



FBDA86



7D7370



BD2A00



3D0E00



# Inverse Universe

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



86E1FB



70DFFF



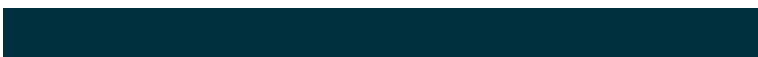
86A7FB



707A7D



0093BD



00303D



# Previews

## White Background



This preview shows how the Hex color FBA086 looks on a white background.

## Color Contrast Check

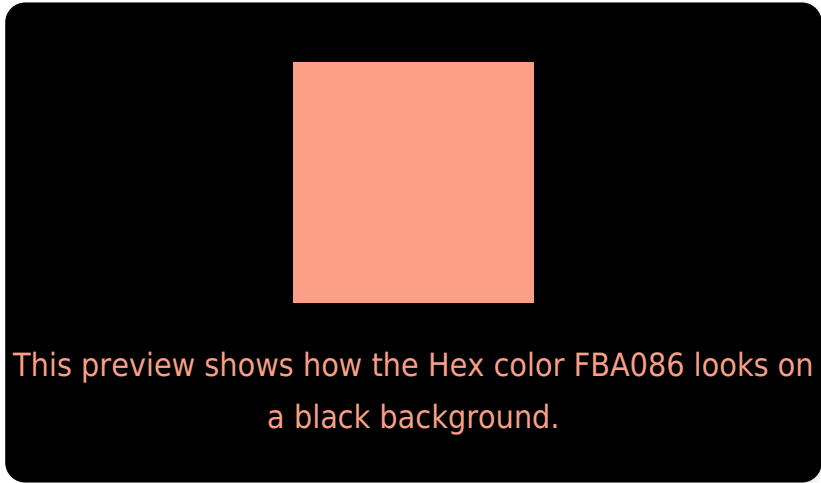
Large Text (above 18pt) WCAG AA × Fail

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 FBA086 Background



This preview shows how black text looks on a background with the Hex color FBA086.

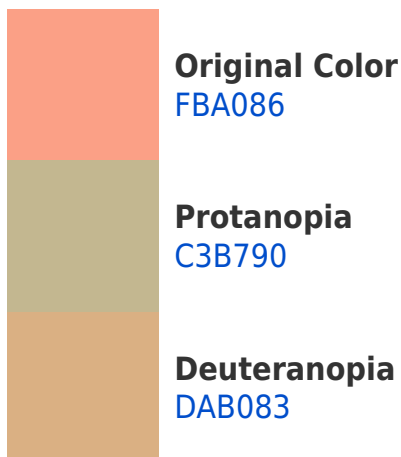



This preview shows how white text looks on a background with the Hex color FBA086.

# 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**  
FE9BA7

# Trichromacy



**Original Color**  
FBA086



**Protanomaly**  
D7AF8C



**Deuteranomaly**  
E6AA84

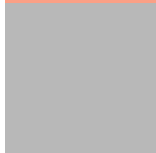


**Tritanomaly**  
FD9D9B

# Monochromacy



**Original Color**  
FBA086



**Achromatopsia**  
B8B8B8



**Achromatomaly**  
D0AFA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FBA086 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 #FBA086 looks like.

```
.text, #text, p{  
    color:#FBA086  
}
```

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 #FBA086 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBA086
}
```

## Border

The CSS property to change the border of an element to Hex FBA086 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
#FBA086 }
```

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

```
.border{ border-color:#FBA086 }
```

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

Here you see how a box with a 4 pixel #FBA086 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBA086; -webkit-box-shadow:4px 4px  
4px 4px #FBA086; box-shadow:4px 4px 4px  
4px #FBA086 }
```

# Background

The CSS property to change the background color of an element to Hex FBA086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBA086 }
```

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

```
.background{ background-color:#FBA086 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor