

Converting Colors

Hex(FFB78E)

Have a look what the booklet for
Hex(FFB78E) contains.

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Color

Hex(FFB78E)

Conversions

Conversions Part 1

Format	Color
Hex	FFB78E
RGB	255, 183, 142
RGB Percent	100%, 72%, 56%
CMY	0.0000, 0.2824, 0.4431
CMYK	0.00, 0.28, 0.44, 0.00
HSL	22°, 100%, 78%
HSV	22°, 44%, 100%
XYZ	63.0560, 57.0800, 33.2853
YIQ	199.8540, 56.0730, 2.5130

Conversions

Conversions Part 2

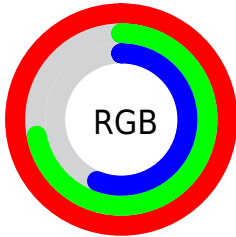
Format	Color
R _Y B	255, 206, 142
Decimal	16758670
CIE Lab	80.22, 21.32, 31.18
CIE LCh	80, 37.768, 55.634
Yxy	57.0800, 0.4110, 0.3720
Android (android.graphics.Color)	4294948750 (0xFFFFB78E)
YUV	199.8540, -28.5220, 48.3630
Hunter-Lab	75.5513, 16.7634, 26.7648

Details

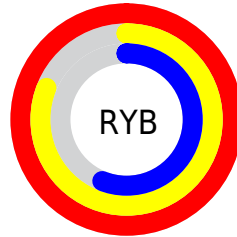
The Hex color **FFB78E** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **8ED6FF**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFEFC4**, and **C4825B** is the 20% darker color. If you saturate the color by 10%, you get **FFA775**, and if you desaturate by 10%, it is **FFC7A8**.

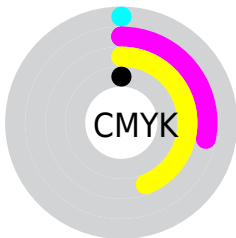
Distribution



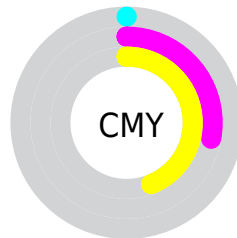
- Red (100%)
- Green (72%)
- Blue (56%)



- Red (100%)
- Yellow (81%)
- Blue (56%)



- Cyan (0%)
- Magenta (28%)
- Yellow (44%)
- Black (0%)



- Cyan (0%)
- Magenta (28%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFB78E 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 FFB78E by changing the saturation by 10% instead.

 FFB78E

 FFB78E

FFFFFF

 E19C74

 FFEFC4

 C4825B

 FFFFEO

 A76843

FFFFFFD

 8B502C

 6F3916

 542200

 3A0C00

 240001

 000000

 #FFB78E

 #FFB78E

 #FFA775

 #FFC7A8

 #FF975B

 #FFD7C1

 #FF8642

 #FFE8DB

 #FF7628

 #FFF8F4

 #FF660F

#FFFFFF

 #FF5D00

Harmonies

Analogous

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



FFAEAA



FFB78E



E4C381

Triad

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



FFB78E



6CDAC0



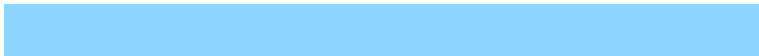
C4C0FF

Complementary

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



FFB78E



8ED6FF

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.



8ECCFF



FFB78E



4CDAE4

Square

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



FFB78E



97D69E



5BD5FF



EFB4EF

Rectangle

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



FFB78E



CCCB82



5BD5FF



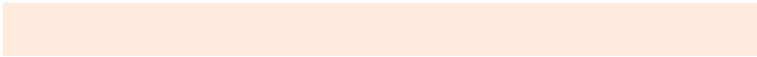
B3C4FF

Sweetspot

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



FFB78E



FFEADE



FF8ED7



80736B



000000



808080

Same Dimension

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



FFB78E



FFA978



FFEE8E



807773



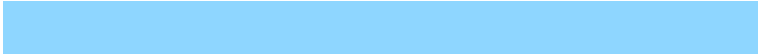
BF4500



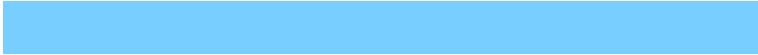
401700

Inverse Universe

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



8ED6FF



78CEFF



8E9FFF



737B80



007ABF



002940

Previews

White Background



This preview shows how the Hex color FFB78E looks on a white background.

Color Contrast Check

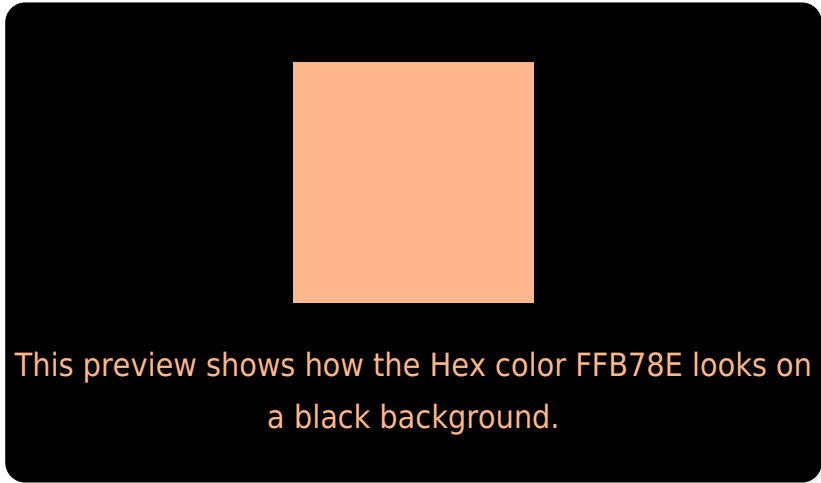
Large Text (above 18pt) WCAG AA × Fail

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 FFB78E Background



This preview shows how black text looks on a background with the Hex color FFB78E.

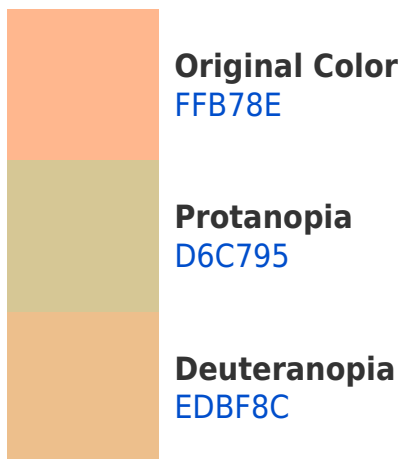


This preview shows how white text looks on a background with the Hex color FFB78E.

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
FFB3BF

Trichromacy



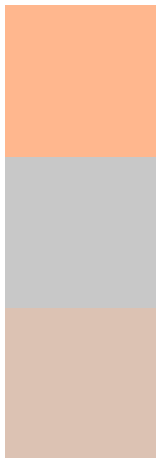
Original Color
FFB78E

Protanomaly
E5C192

Deuteranomaly
F4BC8D

Tritanomaly
FFB4AD

Monochromacy



Original Color
FFB78E

Achromatopsia
C8C8C8

Achromatomaly
DCC2B3

CSS Examples

Text

The CSS property to change the color of the text to Hex FFB78E 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 #FFB78E looks like.

```
.text, #text, p{  
    color:#FFB78E  
}
```

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 #FFB78E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB78E
}
```

Border

The CSS property to change the border of an element to Hex FFB78E 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
#FFB78E }
```

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

```
.border{ border-color:#FFB78E }
```

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

Here you see how a box with a 4 pixel #FFB78E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB78E; -webkit-box-shadow:4px 4px  
4px 4px #FFB78E; box-shadow:4px 4px 4px  
4px #FFB78E }
```

Background

The CSS property to change the background color of an element to Hex FFB78E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB78E }
```

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

```
.background{ background-color:#FFB78E }
```

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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