

Converting Colors

Hex(FF9B83)

Have a look what the booklet for
Hex(FF9B83) contains.

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Color

Hex(F F 9 B 8 3)

Conversions

Conversions Part 1

Format	Color
Hex	FF9B83
RGB	255, 155, 131
RGB Percent	100%, 61%, 51%
CMY	0.0000, 0.3922, 0.4863
CMYK	0.00, 0.39, 0.49, 0.00
HSL	12°, 100%, 76%
HSV	12°, 49%, 100%
XYZ	57.0581, 46.3414, 27.4102
YIQ	182.1640, 67.3040, 13.7360

Conversions

Conversions Part 2

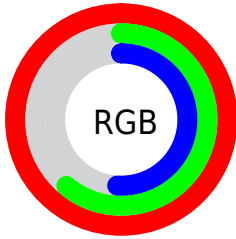
Format	Color
R_{YB}	255, 161, 131
Decimal	16751491
CIE _{Lab}	73.77, 34.87, 28.49
CIE _{LCh}	74, 45.023, 39.250
Yxy	46.3414, 0.4362, 0.3543
Android (android.graphics.Color)	4294941571 (0xFFFF9B83)
YUV	182.1640, -25.2239, 63.8772
Hunter-Lab	68.0745, 30.4831, 23.7790

Details

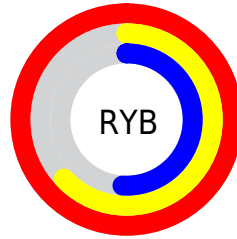
The Hex color **FF9B83** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83E7FF**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFD2B8**, and **C36651** is the 20% darker color. If you saturate the color by 10%, you get **FF866A**, and if you desaturate by 10%, it is **FFB09C**.

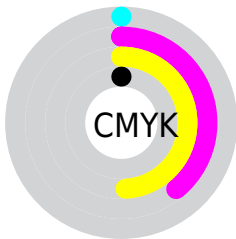
Distribution



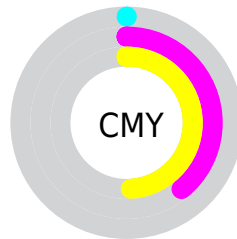
- Red (100%)
- Green (61%)
- Blue (51%)



- Red (100%)
- Yellow (63%)
- Blue (51%)



- Cyan (0%)
- Magenta (39%)
- Yellow (49%)
- Black (0%)



- Cyan (0%)
- Magenta (39%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9B83 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 FF9B83 by changing the saturation by 10% instead.

 FF9B83

 FF9B83

FFFFFF

 E1806A

 FFD2B8

 C36651

 FFEFD4

 A54D3A

 FFFFF0

 883424

 6C1B0F

 500000

 350000

 130000

 000000

 FF9B83

 FF9B83

 FF866A

 FFB09C

 FF7250

 FFC4B6

 FF5D37

 FFD9D0

 FF491D

 FFEDE9

 FF3404

FFFFFF

 FF3100

Harmonies

Analogous

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



FF94AA



FF9B83



E7A968

Triad

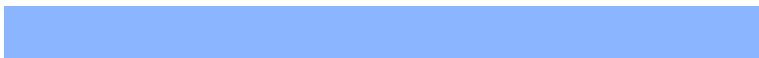
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FF9B83



60C997



8BB5FF

Complementary

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



FF9B83



83E7FF

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.



2EC1FF



FF9B83



00CBC1

Square

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



FF9B83



96C273



00C9E8



CAA6F5

Rectangle

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



FF9B83



D0B361



00C9E8



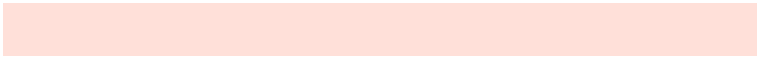
72BAFF

Sweetspot

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



FF9B83



FFE0D9



FF83E8



806D69



000000



808080

Same Dimension

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



FF9B83



FF886B



FFD883



807573



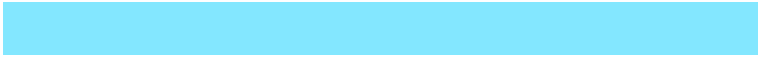
BF2500



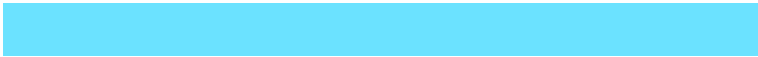
400C00

Inverse Universe

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



83E7FF



6BE2FF



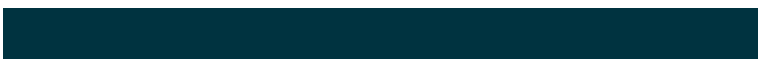
83AAFF



737D80



009ABF



003340

Previews

White Background



This preview shows how the Hex color FF9B83 looks on a white background.

Color Contrast Check

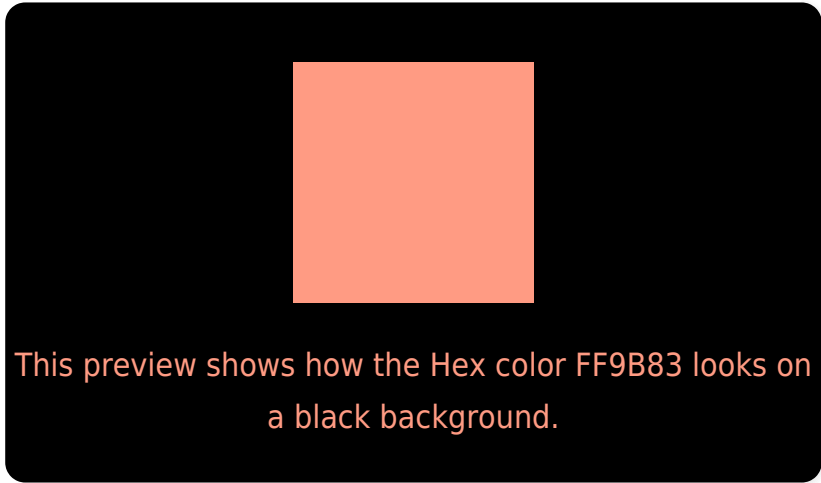
Large Text (above 18pt) WCAG AA × Fail

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 FF9B83 Background



This preview shows how black text looks on a background with the Hex color FF9B83.

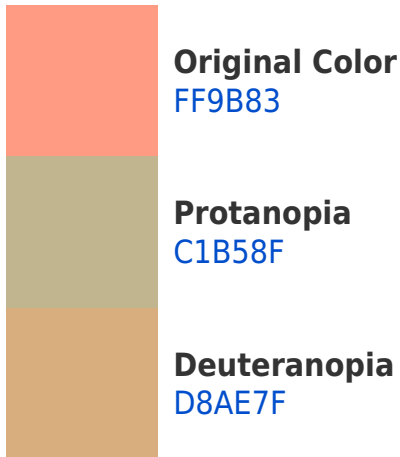


This preview shows how white text looks on a background with the Hex color FF9B83.

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
FF98A3

Trichromacy



Original Color
FF9B83

Protanomaly
D8AC8B

Deuteranomaly
E6A780

Tritanomaly
FF9997

Monochromacy



Original Color
FF9B83

Achromatopsia
B6B6B6

Achromatomaly
D1ACA3

CSS Examples

Text

The CSS property to change the color of the text to Hex FF9B83 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 #FF9B83 looks like.

```
.text, #text, p{  
    color:#FF9B83  
}
```

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 #FF9B83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9B83
}
```

Border

The CSS property to change the border of an element to Hex FF9B83 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
#FF9B83 }
```

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

```
.border{ border-color:#FF9B83 }
```

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

Here you see how a box with a 4 pixel #FF9B83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9B83; -webkit-box-shadow:4px 4px  
4px 4px #FF9B83; box-shadow:4px 4px 4px  
4px #FF9B83 }
```

Background

The CSS property to change the background color of an element to Hex FF9B83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9B83 }
```

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

```
.background{ background-color:#FF9B83 }
```

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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