

Converting Colors

Hex(F9BB78)

Have a look what the booklet for
Hex(F9BB78) contains.

Hex(F9BB78)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F9BB78)

Conversions

Conversions Part 1

Format	Color
Hex	F9BB78
RGB	249, 187, 120
RGB Percent	98%, 73%, 47%
CMY	0.0235, 0.2667, 0.5294
CMYK	0.00, 0.25, 0.52, 0.02
HSL	31°, 91%, 72%
HSV	31°, 52%, 98%
XYZ	60.2274, 57.0365, 25.6041
YIQ	197.9000, 58.4590, -7.6930

Conversions

Conversions Part 2

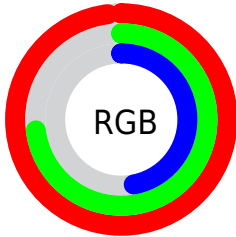
Format	Color
R_{YB}	239, 249, 120
Decimal	16366456
CIE _{Lab}	80.20, 14.80, 42.42
CIE _{LCh}	80, 44.925, 70.760
Yxy	57.0365, 0.4216, 0.3992
Android (android.graphics.Color)	4294556536 (0xFFF9BB78)
YUV	197.9000, -38.4047, 44.8147
Hunter-Lab	75.5225, 10.1852, 32.7649

Details

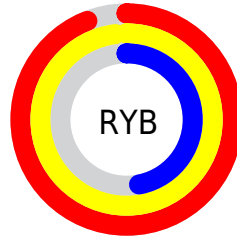
The Hex color **F9BB78** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78B6F9**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFF3AD**, and **BE8646** is the 20% darker color. If you saturate the color by 10%, you get **F9AF5F**, and if you desaturate by 10%, it is **F9C791**.

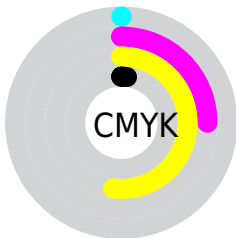
Distribution



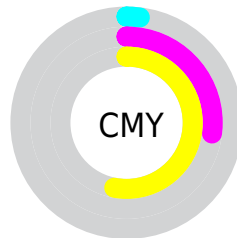
- Red (98%)
- Green (73%)
- Blue (47%)



- Red (94%)
- Yellow (98%)
- Blue (47%)



- Cyan (0%)
- Magenta (25%)
- Yellow (52%)
- Black (2%)



- Cyan (2%)
- Magenta (27%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color F9BB78 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 F9BB78 by changing the saturation by 10% instead.

 F9BB78

 F9BB78

FFFFFF

 DBA05E

 FFF3AD

 BE8646

 FFFFC9

 A16D2D

 FFFF E5

 855415

 693D00

 4E2700

 331200

 1D0001

 000000

 F9BB78

 F9BB78

 F9AF5F

 F9C791

 F9A346

 F9D3AA

 F9972D

 F9DFC3

 F98B14

 F9EBDC

 F98100

 F9F7F4

 F9FFFF

Harmonies

Analogous

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



FFAD92



F9BB78



D3C973

Triad

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



F9BB78



24DDD5



DFB6FF

Complementary

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



F9BB78



78B6F9

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.



A2C6FF



F9BB78



00DBFC

Square

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



F9BB78



6FDBAA



52D3FF



FFAAE4

Rectangle

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



F9BB78



B5D17D



52D3FF



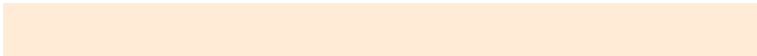
CDBCFF

Sweetspot

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



F9BB78



FFEBD6



F978B6



807467



000000



808080

Same Dimension

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



F9BB78



FFB361



F7F978



7D7770



BD6200



3D2000

Inverse Universe

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



78B6F9



61ADFF



7A78F9



70767D



005BBD



001D3D

Previews

White Background



This preview shows how the Hex color F9BB78 looks on a white background.

Color Contrast Check

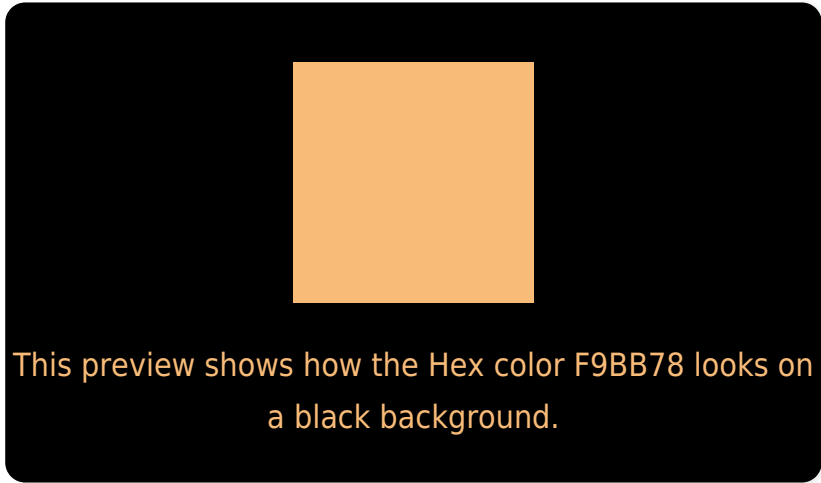
Large Text (above 18pt) WCAG AA × Fail

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

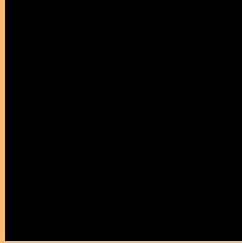
Any Text WCAG AA ✓ Pass

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 F9BB78 Background



This preview shows how black text looks on a background with the Hex color F9BB78.

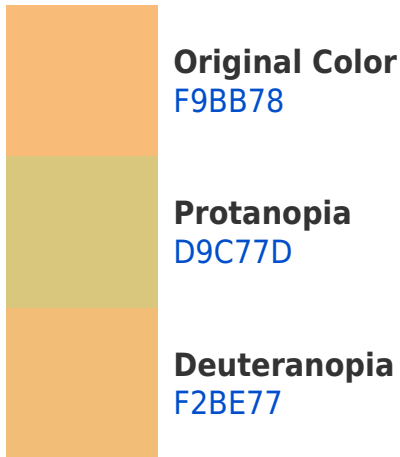


This preview shows how white text looks on a background with the Hex color F9BB78.

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](#).

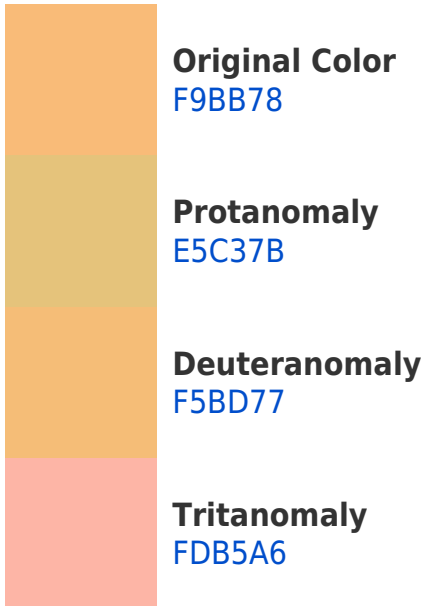
Dichromacy



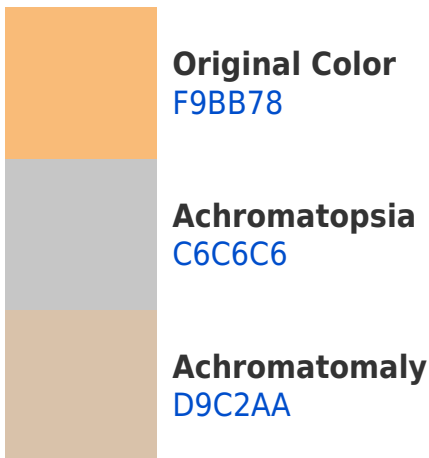


Tritanopia
FFB2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F9BB78 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 #F9BB78 looks like.

```
.text, #text, p{  
    color:#F9BB78  
}
```

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 #F9BB78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9BB78  
}
```

Border

The CSS property to change the border of an element to Hex F9BB78 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  
#F9BB78 }
```

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

```
.border{ border-color:#F9BB78 }
```

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

Here you see how a box with a 4 pixel #F9BB78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9BB78; -webkit-box-shadow:4px 4px  
4px 4px #F9BB78; box-shadow:4px 4px 4px  
4px #F9BB78 }
```

Background

The CSS property to change the background color of an element to Hex F9BB78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9BB78 }
```

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

```
.background{ background-color:#F9BB78 }
```

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