

Converting Colors

Hex(F9B675)

Have a look what the booklet for
Hex(F9B675) contains.

Hex(F9B675)	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(F9B675)

Conversions

Conversions Part 1

Format	Color
Hex	F9B675
RGB	249, 182, 117
RGB Percent	98%, 71%, 46%
CMY	0.0235, 0.2863, 0.5412
CMYK	0.00, 0.27, 0.53, 0.02
HSL	30°, 92%, 72%
HSV	30°, 53%, 98%
XYZ	59.0058, 54.8800, 24.3126
YIQ	194.6230, 60.7970, -6.0110

Conversions

Conversions Part 2

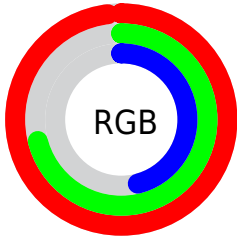
Format	Color
R_{YB}	249, 245, 117
Decimal	16365173
CIE _{Lab}	78.97, 17.17, 42.41
CIE _{LCh}	79, 45.755, 67.955
Yxy	54.8800, 0.4270, 0.3971
Android (android.graphics.Color)	4294555253 (0xFFFF9B675)
YUV	194.6230, -38.2681, 47.6886
Hunter-Lab	74.0810, 12.5340, 32.3984

Details

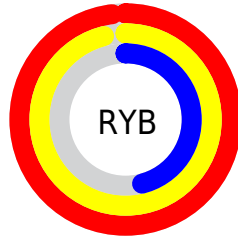
The Hex color **F9B675** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75B8F9**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFEEAA**, and **BD8143** is the 20% darker color. If you saturate the color by 10%, you get **F9A95C**, and if you desaturate by 10%, it is **F9C38E**.

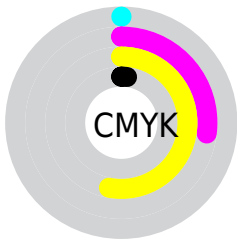
Distribution



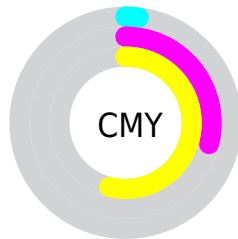
- Red (98%)
- Green (71%)
- Blue (46%)



- Red (98%)
- Yellow (96%)
- Blue (46%)



- Cyan (0%)
- Magenta (27%)
- Yellow (53%)
- Black (2%)



- Cyan (2%)
- Magenta (29%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color F9B675 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 F9B675 by changing the saturation by 10% instead.

 F9B675

 F9B675

FFFFFF

 DB9B5C

 FFEEAA

 BD8143

 FFFFC6

 A1682B

 FFFFE2

 845012

 683900

 4D2300

 330E00

 1A0001

 000000

 F9B675

 F9B675

 F9A95C

 F9C38E

 F99D43

 F9CFA7

 F9902A

 F9DCC0

 F98311

 F9E9D9

 F97B00

 F9F5F2

 F9FFFF

Harmonies

Analogous

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



FFA891



F9B675



D4C56E

Triad

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



F9B675



1CDACE



D7B4FF

Complementary

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



F9B675



75B8F9

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.



96C4FF



F9B675



00D8F7

Square

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



F9B675



6FD8A2



3ED1FF



FFA6E4

Rectangle

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



F9B675



B6CD76



3ED1FF



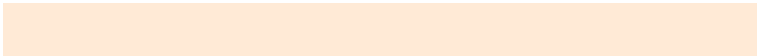
C4BAFF

Sweetspot

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



F9B675



FFEAD6



F975B9



807367



000000



808080

Same Dimension

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



F9B675



FFAC5C



F9F775



7D7770



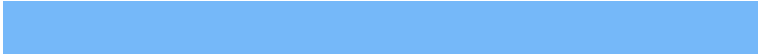
BD5D00



3D1E00

Inverse Universe

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



75B8F9



5CAFFF



7577F9



70777D



0060BD



001F3D

Previews

White Background



This preview shows how the Hex color F9B675 looks on a white background.

Color Contrast Check

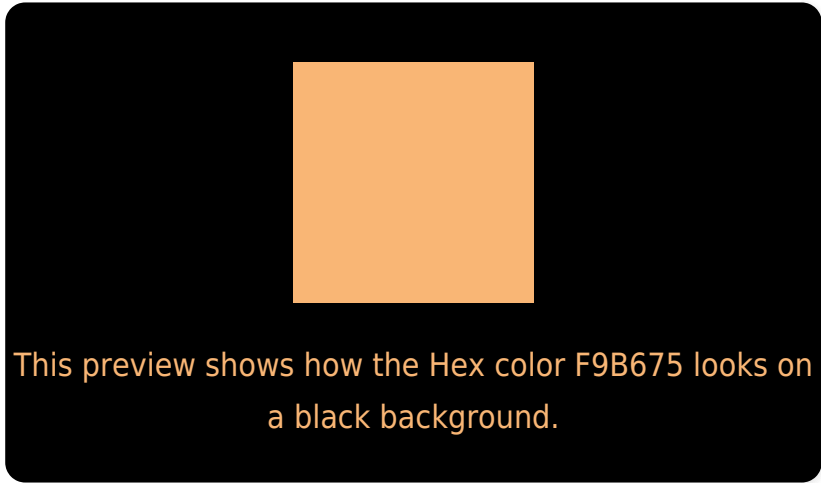
Large Text (above 18pt) WCAG AA × Fail

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

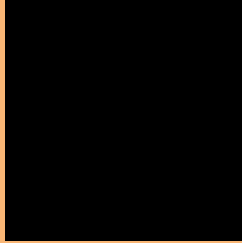
Any Text WCAG AA ✓ Pass

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 F9B675 Background



This preview shows how black text looks on a background with the Hex color F9B675.

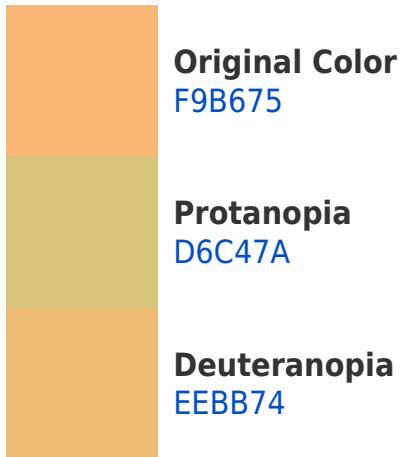


This preview shows how white text looks on a background with the Hex color F9B675.

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F9B675 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 #F9B675 looks like.

```
.text, #text, p{  
    color:#F9B675  
}
```

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 #F9B675 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9B675
}
```

Border

The CSS property to change the border of an element to Hex F9B675 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
#F9B675 }
```

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

```
.border{ border-color:#F9B675 }
```

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

Here you see how a box with a 4 pixel #F9B675 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9B675; -webkit-box-shadow:4px 4px  
4px 4px #F9B675; box-shadow:4px 4px 4px  
4px #F9B675 }
```

Background

The CSS property to change the background color of an element to Hex F9B675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9B675 }
```

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

```
.background{ background-color:#F9B675 }
```

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