

# Converting Colors

Hex(F9D97B)

Have a look what the booklet for  
Hex(F9D97B) contains.

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**Color**

**Hex(F9D97B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9D97B
RGB	249, 217, 123
RGB Percent	98%, 85%, 48%
CMY	0.0235, 0.1490, 0.5176
CMYK	0.00, 0.13, 0.51, 0.02
HSL	45°, 91%, 73%
HSV	45°, 51%, 98%
XYZ	67.4549, 71.1955, 28.9257
YIQ	215.8520, 49.2460, -22.4500

# Conversions

## Conversions Part 2

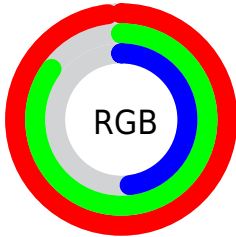
Format	Color
R <sub>Y</sub> B	166, 249, 123
Decimal	16374139
CIE Lab	87.58, -0.47, 50.02
CIE LCh	88, 50.019, 90.540
Yxy	71.1955, 0.4025, 0.4249
Android (android.graphics.Color)	4294564219 (0xFFFF9D97B)
YUV	215.8520, -45.7760, 29.0708
Hunter-Lab	84.3774, -4.9600, 38.7388

# Details

The Hex color **F9D97B** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **7B9BF9**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFB1**, and **BEA247** is the 20% darker color. If you saturate the color by 10%, you get **F9D362**, and if you desaturate by 10%, it is **F9DF94**.

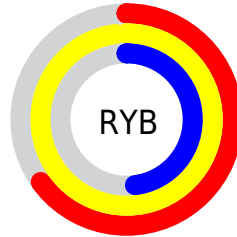
# Distribution



Red (98%)

Green (85%)

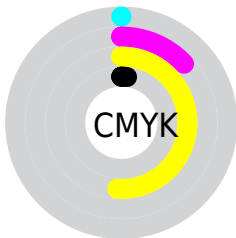
Blue (48%)



Red (65%)

Yellow (98%)

Blue (48%)

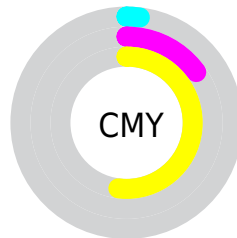


Cyan (0%)

Magenta (13%)

Yellow (51%)

Black (2%)



Cyan (2%)

Magenta (15%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F9D97B 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 F9D97B by changing the saturation by 10% instead.



 F9D97B

 F9D97B

FFFFFF

 DBBD61

 FFFFB1

 BEA247

 FFFFCD

 A2882D

 FFFFEA

 866F11

 6A5700

 504000

 362A00

 1D1600

 000000

 F9D97B

 F9D97B

 F9D362

 F9DF94

 F9CC49

 F9E6AD

 F9C630

 F9ECC6

 F9C017

 F9F2DF

 F9BA00

 F9F9F8

 F9FFFF

# Harmonies

## Analogous

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



FFC88A



F9D97B



C8E788

# Triad

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



F9D97B



00F3FF



FFBEFF

# Complementary

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



F9D97B



7B9BF9

# 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.



E1CFFF



F9D97B



1CEDFF

# Square

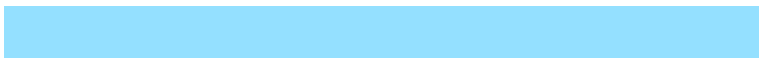
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F9D97B



40F4DB



94E0FF



FFB6DD

# Rectangle

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



F9D97B



A2EE9D



94E0FF



FFC3FF

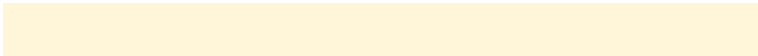


# Sweetspot

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



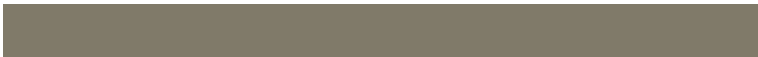
F9D97B



FFF5D9



F97B9D



807A69



000000



808080



# Same Dimension

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



F9D97B



FFD763



DCF97B



7D7A70



BD8D00



3D2E00



# Inverse Universe

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



7B9BF9



638BFF



987BF9



70747D



0030BD



00103D



# Previews

## White Background



This preview shows how the Hex color F9D97B 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



This preview shows how the Hex color F9D97B looks on a 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 F9D97B Background



This preview shows how black text looks on a background with the Hex color F9D97B.

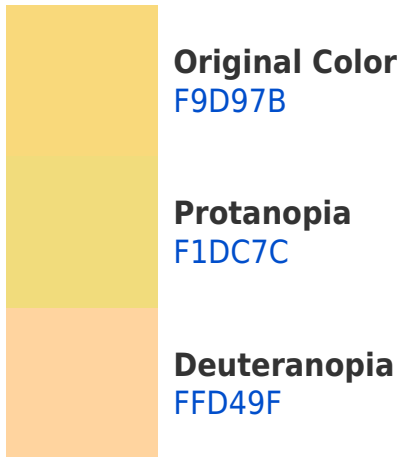


This preview shows how white text looks on a background with the Hex color F9D97B.

# 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](#).

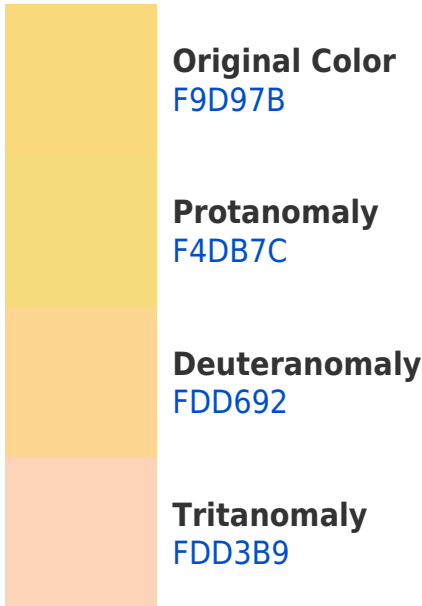
## Dichromacy



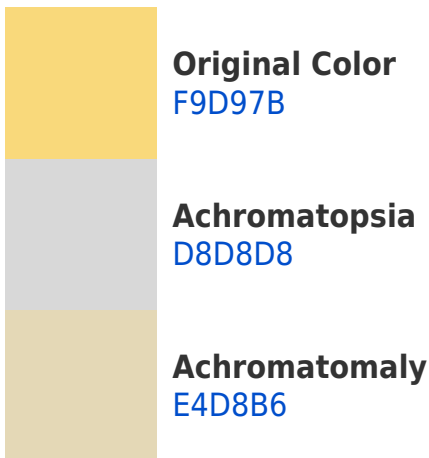


**Tritanopia**  
FFCFDD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F9D97B 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 #F9D97B looks like.

```
.text, #text, p{  
    color:#F9D97B  
}
```

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 #F9D97B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9D97B
}
```

## Border

The CSS property to change the border of an element to Hex F9D97B 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
#F9D97B }
```

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

```
.border{ border-color:#F9D97B }
```

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

Here you see how a box with a 4 pixel #F9D97B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9D97B; -webkit-box-shadow:4px 4px  
4px 4px #F9D97B; box-shadow:4px 4px 4px  
4px #F9D97B }
```

# Background

The CSS property to change the background color of an element to Hex F9D97B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9D97B }
```

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

```
.background{ background-color:#F9D97B }
```

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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