

# Converting Colors

Hex(F9C271)

Have a look what the booklet for  
Hex(F9C271) contains.

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# **Color**

**Hex(F9C271)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9C271
RGB	249, 194, 113
RGB Percent	98%, 76%, 44%
CMY	0.0235, 0.2392, 0.5569
CMYK	0.00, 0.22, 0.55, 0.02
HSL	36°, 92%, 71%
HSV	36°, 55%, 98%
XYZ	61.3393, 59.9156, 23.9547
YIQ	201.2110, 58.7810, -13.5310

# Conversions

## Conversions Part 2

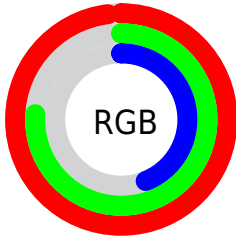
Format	Color
R <sub>Y</sub> B	205, 249, 113
Decimal	16368241
CIE Lab	81.79, 10.57, 47.87
CIE LCh	82, 49.023, 77.551
Yxy	59.9156, 0.4224, 0.4126
Android (android.graphics.Color)	4294558321 (0xFFFF9C271)
YUV	201.2110, -43.4880, 41.9110
Hunter-Lab	77.4051, 5.9925, 35.8350

# Details

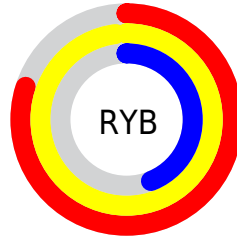
The Hex color **F9C271** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **71A8F9**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFAA6**, and **BE8D3E** is the 20% darker color. If you saturate the color by 10%, you get **F9B858**, and if you desaturate by 10%, it is **F9CC8A**.

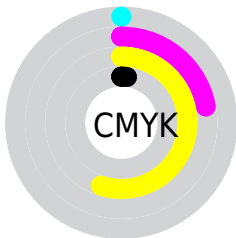
# Distribution



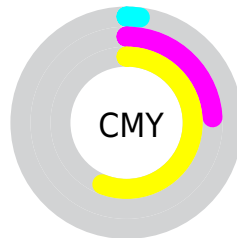
- Red (98%)
- Green (76%)
- Blue (44%)



- Red (80%)
- Yellow (98%)
- Blue (44%)



- Cyan (0%)
- Magenta (22%)
- Yellow (55%)
- Black (2%)



- Cyan (2%)
- Magenta (24%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F9C271 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 F9C271 by changing the saturation by 10% instead.



 F9C271

 F9C271

FFFFFF

 DBA757

 FFFAA6

 BE8D3E

 FFFFC2

 A17325

 FFFFDE

 845B07

 FFFFFB

 694300

 4E2D00

 331900

 1C0000

 000000

 F9C271

 F9C271

 F9B858

 F9CC8A

 F9AE3F

 F9D6A3

 F9A426

 F9E0BC

 F99A0D

 F9EAD5

 F99400

 F9F4ED

 F9FEFF

 F9FFFF

# Harmonies

## Analogous

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



FFB289



F9C271



CED171

# Triad

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



F9C271



00E3E5



F2B5FF

# Complementary

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



F9C271



71A8F9

# 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.



B2C7FF



F9C271



00DFFF

# Square

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



F9C271



58E2B6



59D6FF



FFA9E0

# Rectangle

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



F9C271



ACD980



59D6FF



DFBBFF



# Sweetspot

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



F9C271



FFEFD6



F971AA



807667



000000



808080



# Same Dimension

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



F9C271



FFBB57



EEF971



7D7870



BD7000



3D2400



# Inverse Universe

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



71A8F9



579BFF



7C71F9



70767D



004CBD



00193D



# Previews

## White Background



This preview shows how the Hex color F9C271 looks on a white background.

## Color Contrast Check

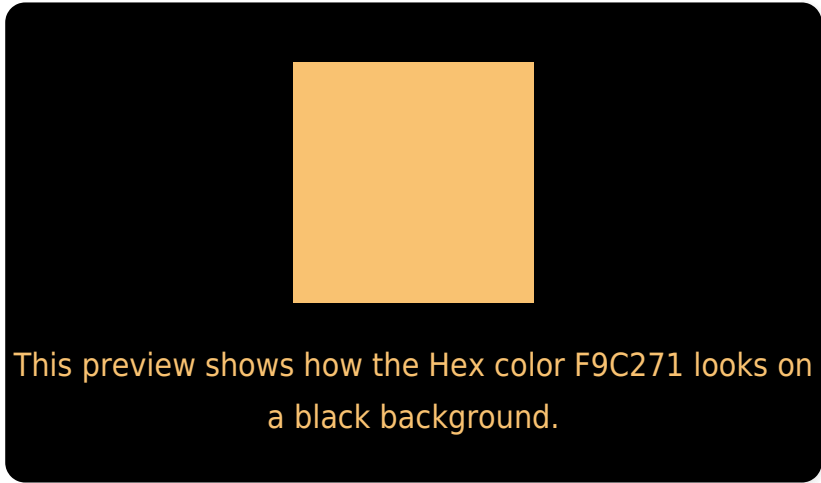
Large Text (above 18pt) WCAG AA × Fail

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 F9C271 Background



This preview shows how black text looks on a background with the Hex color F9C271.

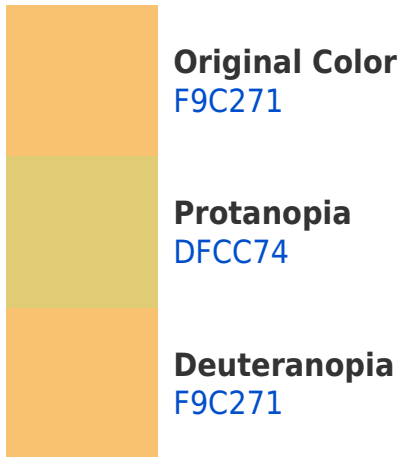


This preview shows how white text looks on a background with the Hex color F9C271.

# 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](#).

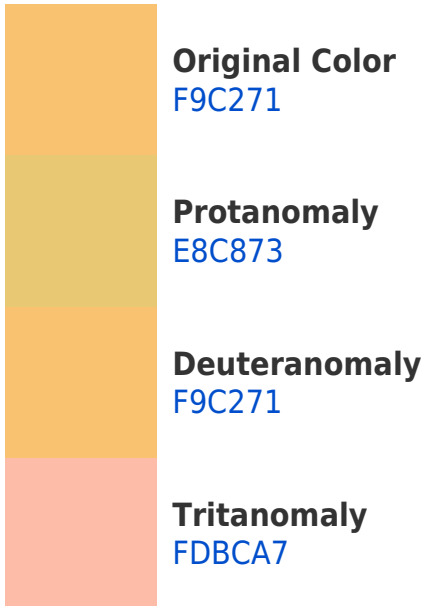
## Dichromacy



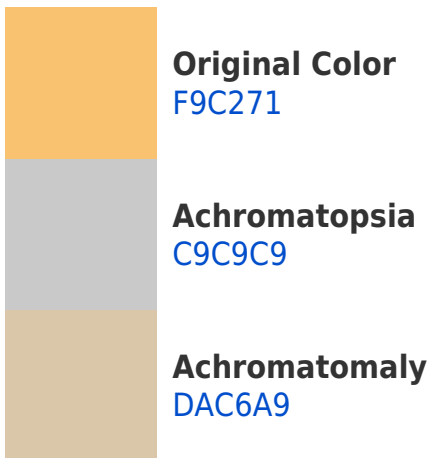


**Tritanopia**  
FFB9C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F9C271 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 #F9C271 looks like.

```
.text, #text, p{  
    color:#F9C271  
}
```

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 #F9C271 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9C271
}
```

## Border

The CSS property to change the border of an element to Hex F9C271 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
#F9C271 }
```

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

```
.border{ border-color:#F9C271 }
```

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

Here you see how a box with a 4 pixel #F9C271 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9C271; -webkit-box-shadow:4px 4px  
4px 4px #F9C271; box-shadow:4px 4px 4px  
4px #F9C271 }
```

# Background

The CSS property to change the background color of an element to Hex F9C271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9C271 }
```

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

```
.background{ background-color:#F9C271 }
```

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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