

# Converting Colors

Hex(F2CA9F)

Have a look what the booklet for  
Hex(F2CA9F) contains.

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# **Color**

**Hex(F2CA9F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2CA9F
RGB	242, 202, 159
RGB Percent	95%, 79%, 62%
CMY	0.0510, 0.2078, 0.3765
CMYK	0.00, 0.17, 0.34, 0.05
HSL	31°, 76%, 79%
HSV	31°, 34%, 95%
XYZ	63.9965, 63.6215, 41.7081
YIQ	209.0580, 37.6430, -4.8930

# Conversions

## Conversions Part 2

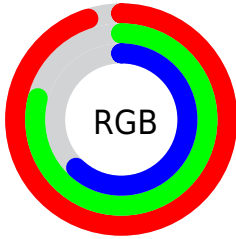
Format	Color
R <sub>Y</sub> B	236, 242, 159
Decimal	15911583
CIE Lab	83.77, 8.20, 26.76
CIE LCh	84, 27.993, 72.963
Yxy	63.6215, 0.3779, 0.3757
Android (android.graphics.Color)	4294101663 (0xFF2CA9F)
YUV	209.0580, -24.6786, 28.8901
Hunter-Lab	79.7631, 3.6309, 24.8314

# Details

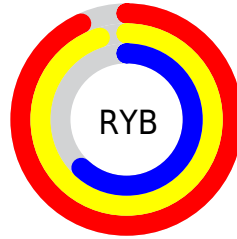
The Hex color **F2CA9F** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **9FC7F2**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFFD6**, and **B9946B** is the 20% darker color. If you saturate the color by 10%, you get **F2BE87**, and if you desaturate by 10%, it is **F2D6B7**.

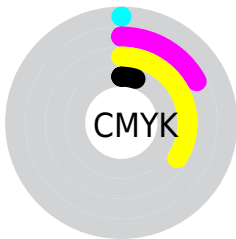
# Distribution



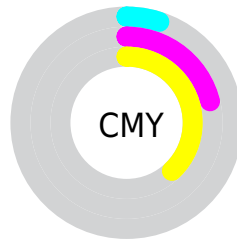
- Red (95%)
- Green (79%)
- Blue (62%)



- Red (93%)
- Yellow (95%)
- Blue (62%)



- Cyan (0%)
- Magenta (17%)
- Yellow (34%)
- Black (5%)



- Cyan (5%)
- Magenta (21%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F2CA9F 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 F2CA9F by changing the saturation by 10% instead.



 F2CA9F

 F2CA9F

FFFFFF

 D5AF85

 FFFFD6

 B9946B

 FFFFF2

 9D7A53

 82613B

 674A25

 4E330F

 361E00

 1E0700

 000000

 F2CA9F

 F2CA9F

 F2BE87

 F2D6B7

 F2B36F

 F2E1CF

 F2A756

 F2EDE8

 F29B3E

 F2F9FF

 F29026

 F2FFFF

 F2840E

 F27D00

# Harmonies

## Analogous

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



FFC2AE



F2CA9F



D9D39D

# Triad

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



F2CA9F



88E0DC



E3C6F8

# Complementary

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



F2CA9F



9FC7F2

# 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.



C1CFFF



F2CA9F



87DDF4

# Square

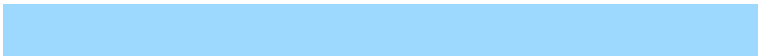
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F2CA9F



9EDFC1



9DD8FF



FCC0E1

# Rectangle

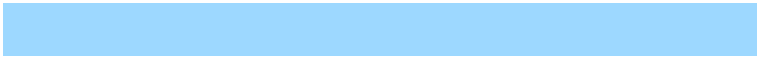
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F2CA9F



C5D8A4



9DD8FF



D8C9FD

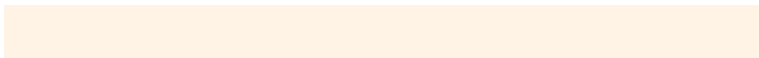


# Sweetspot

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



F2CA9F



FFF3E6



F29FC7



807870



000000



808080



# Same Dimension

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



F2CA9F



FFCD96



F1F29F



78726C



B85F00

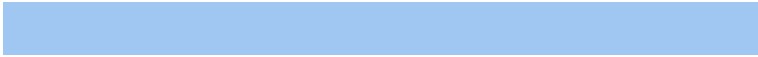


381D00

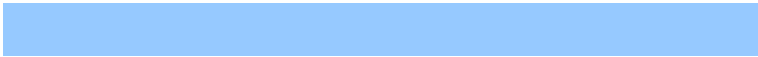


# Inverse Universe

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



9FC7F2



96C9FF



A09FF2



6C7278



0058B8

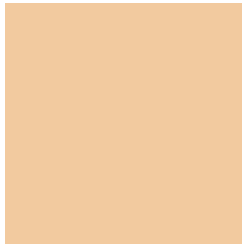


001B38



# Previews

## White Background



This preview shows how the Hex color F2CA9F looks on a white background.

## Color Contrast Check

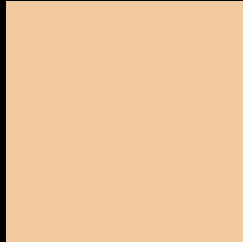
Large Text (above 18pt) WCAG AA × Fail

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 F2CA9F 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 F2CA9F Background



This preview shows how black text looks on a background with the Hex color F2CA9F.

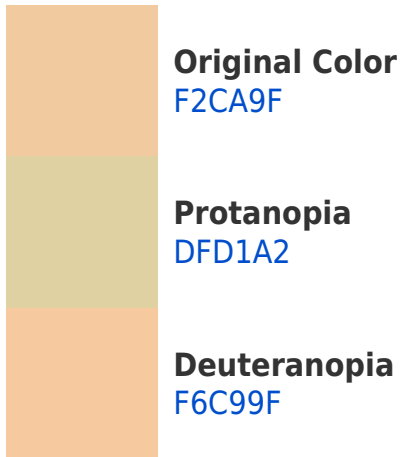


This preview shows how white text looks on a background with the Hex color F2CA9F.

# 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](#).

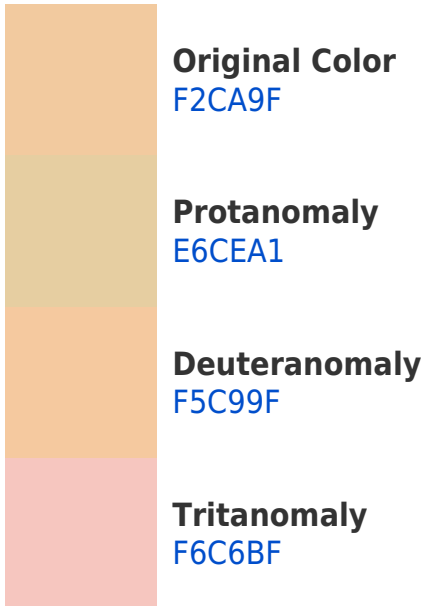
## Dichromacy



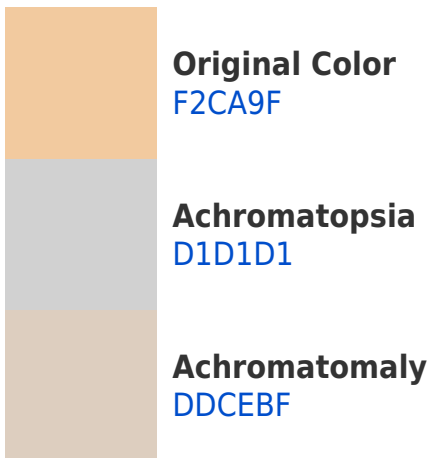


**Tritanopia**  
F8C3D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F2CA9F 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 #F2CA9F looks like.

```
.text, #text, p{  
    color:#F2CA9F  
}
```

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 #F2CA9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2CA9F
}
```

## Border

The CSS property to change the border of an element to Hex F2CA9F 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
#F2CA9F }
```

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

```
.border{ border-color:#F2CA9F }
```

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

Here you see how a box with a 4 pixel #F2CA9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2CA9F; -webkit-box-shadow:4px 4px  
4px 4px #F2CA9F; box-shadow:4px 4px 4px  
4px #F2CA9F }
```

# Background

The CSS property to change the background color of an element to Hex F2CA9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2CA9F }
```

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

```
.background{ background-color:#F2CA9F }
```

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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