

# Converting Colors

Hex(F2CAA6)

Have a look what the booklet for  
Hex(F2CAA6) contains.

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# **Color**

**Hex(F2CAA6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2CAA6
RGB	242, 202, 166
RGB Percent	95%, 79%, 65%
CMY	0.0510, 0.2078, 0.3490
CMYK	0.00, 0.17, 0.31, 0.05
HSL	28°, 75%, 80%
HSV	28°, 31%, 95%
XYZ	64.6214, 63.8715, 44.9989
YIQ	209.8560, 35.3960, -2.7160

# Conversions

## Conversions Part 2

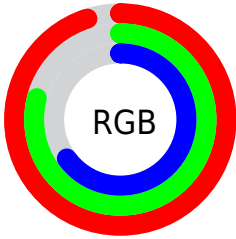
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 234, 166
Decimal	15911590
CIE Lab	83.90, 9.06, 23.27
CIE LCh	84, 24.967, 68.721
Yxy	63.8715, 0.3725, 0.3682
Android (android.graphics.Color)	4294101670 (0xFFFF2CAA6)
YUV	209.8560, -21.6210, 28.1903
Hunter-Lab	79.9196, 4.4722, 22.5604

# Details

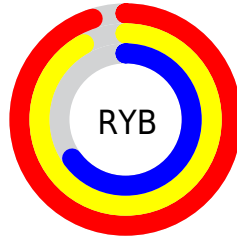
The Hex color **F2CAA6** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **A6CEF2**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFDD**, and **B99472** is the 20% darker color. If you saturate the color by 10%, you get **F2BD8E**, and if you desaturate by 10%, it is **F2D7BE**.

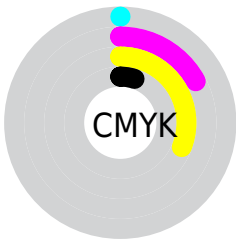
# Distribution



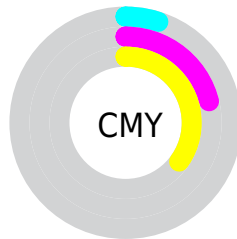
- Red (95%)
- Green (79%)
- Blue (65%)



- Red (95%)
- Yellow (92%)
- Blue (65%)



- Cyan (0%)
- Magenta (17%)
- Yellow (31%)
- Black (5%)



- Cyan (5%)
- Magenta (21%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F2CAA6 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 F2CAA6 by changing the saturation by 10% instead.



 F2CAA6

 F2CAA6

FFFFFF

 D5AF8C

 FFFFDD

 B99472

 FFFFFA

 9D7A59

 826142

 684A2B

 4F3316

 371E00

 1F0700

 000000

 F2CAA6

 F2CAA6

 F2BD8E

 F2D7BE

 F2B176

 F2E3D6

 F2A45D

 F2F0EF

 F29745

 F2FDFF

 F28A2D

 F2FFFF

 F27E15

 F27300

# Harmonies

## Analogous

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



FFC3B5



F2CAA6



DCD2A3

# Triad

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



F2CAA6



94DFD7



DEC9F6

# Complementary

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



F2CAA6



A6CEF2

# 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.



BFD1FF



F2CAA6



90DDEE

# Square

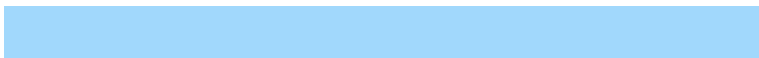
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F2CAA6



A7DDBF



A1D8FC



F6C3E3

# Rectangle

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



F2CAA6



CBD7A8



A1D8FC



D4CCFA



# Sweetspot

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



F2CAA6



FFF3E8



F2A6CF



807871



000000



808080



# Same Dimension

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



F2CAA6



FFCC9E



F2EFA6



78726C



B85700

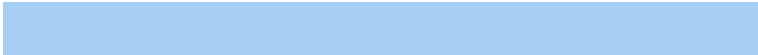


381B00

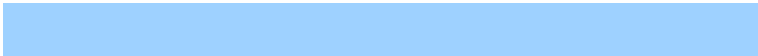


# Inverse Universe

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



A6CEF2



9ED1FF



A6A9F2



6C7278



0061B8



001E38



# Previews

## White Background



This preview shows how the Hex color F2CAA6 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 F2CAA6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

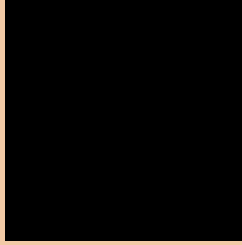
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F2CAA6 Background



This preview shows how black text looks on a background with the Hex color F2CAA6.



This preview shows how white text looks on a background with the Hex color F2CAA6.

# 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



**Original Color**  
F2CAA6

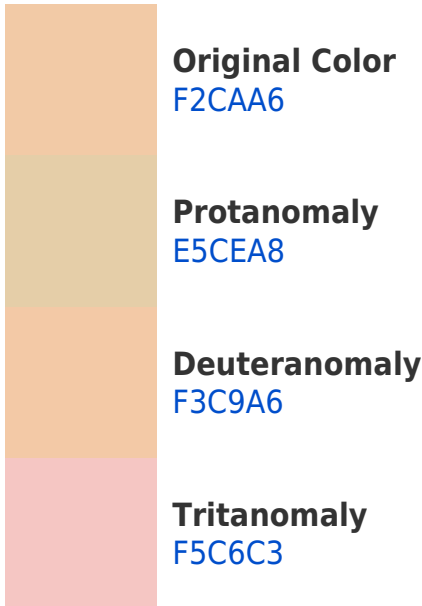
**Protanopia**  
DED1A9

**Deuteranopia**  
F4C9A6

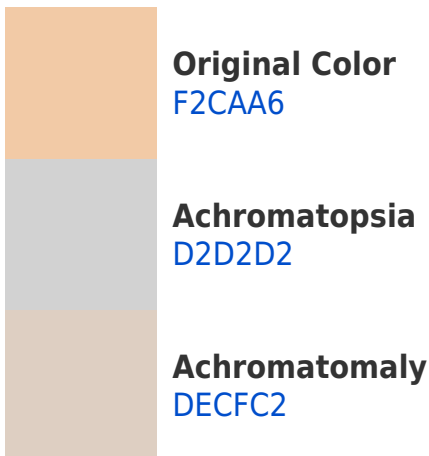


**Tritanopia**  
F7C4D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F2CAA6 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 #F2CAA6 looks like.

```
.text, #text, p{  
    color:#F2CAA6  
}
```

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 #F2CAA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2CAA6
}
```

## Border

The CSS property to change the border of an element to Hex F2CAA6 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
#F2CAA6 }
```

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

```
.border{ border-color:#F2CAA6 }
```

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

Here you see how a box with a 4 pixel #F2CAA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2CAA6; -webkit-box-shadow:4px 4px  
4px 4px #F2CAA6; box-shadow:4px 4px 4px  
4px #F2CAA6 }
```

# Background

The CSS property to change the background color of an element to Hex F2CAA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2CAA6 }
```

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

```
.background{ background-color:#F2CAA6 }
```

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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