

# Converting Colors

Hex(F5CAE7)

Have a look what the booklet for  
Hex(F5CAE7) contains.

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# **Color**

**Hex(F5CAE7)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | F5CAE7                     |
| RGB         | 245, 202, 231              |
| RGB Percent | 96%, 79%, 91%              |
| CMY         | 0.0392, 0.2078, 0.0941     |
| CMYK        | 0.00, 0.18, 0.06, 0.04     |
| HSL         | 320°, 68%, 88%             |
| HSV         | 320°, 18%, 96%             |
| XYZ         | 73.2005, 67.4231, 84.7572  |
| YIQ         | 218.1630, 16.3190, 18.1350 |

# Conversions

## Conversions Part 2

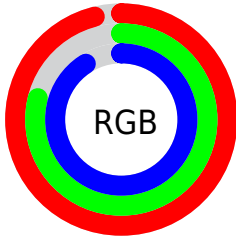
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 245, 202, 231                |
| Decimal                             | 16108263                     |
| CIE Lab                             | 85.72, 19.88, -8.60          |
| CIE LCh                             | 86, 21.659, 336.592          |
| Yxy                                 | 67.4231, 0.3248,<br>0.2992   |
| Android<br>(android.graphics.Color) | 4294298343<br>(0xFFF5CAE7)   |
| YUV                                 | 218.1630, 6.3286,<br>23.5360 |
| Hunter-Lab                          | 82.1115, 15.4334,<br>-3.7222 |

# Details

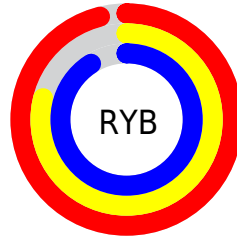
The Hex color **F5CAE7** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **CAF5D8**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFFF**, and **BC94AF** is the 20% darker color. If you saturate the color by 10%, you get **F5B2DF**, and if you desaturate by 10%, it is **F5E3EF**.

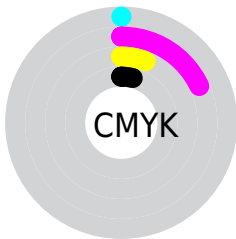
# Distribution



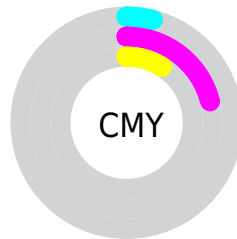
- Red (96%)
- Green (79%)
- Blue (91%)



- Red (96%)
- Yellow (79%)
- Blue (91%)



- Cyan (0%)
- Magenta (18%)
- Yellow (6%)
- Black (4%)



- Cyan (4%)
- Magenta (21%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F5CAE7 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 F5CAE7 by changing the saturation by 10% instead.



 F5CAE7

FFFFFF

 F5CAE7

 D8AFCB

 BC94AF

 A17A95

 87617B

 6D4962

 54324A

 3D1C34

 26051F

 020003

 F5CAE7

 F5CAE7

 F5B2DF

 F5E3EF

 F599D7

 F5FBF7

 F581CF

 F5FFFF

 F568C7

 F550BF

 F537B7

 F51EAF

 F506A7

 F500A5

# Harmonies

## Analogous

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



E0D0F7



F5CAE7



FFC8D2

# Triad

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



F5CAE7



E2D6AE



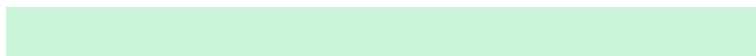
A0E1EE

# Complementary

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



F5CAE7



CAF5D8

# 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.



A3E2DA



F5CAE7



CBDCB5

# Square

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



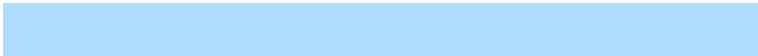
F5CAE7



F5D0B1



B4E1C5



ADDDFB

# Rectangle

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



F5CAE7



FFC9C5



B4E1C5



9FE2E8



# Sweetspot

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



F5CAE7



FFF2FB



D8CAF5



80787D



000000



808080



# Same Dimension

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



F5CAE7



FFC9EE



F5CAD2



7A6E76



BA007E



3B0028



# Inverse Universe

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



F5CAE7



FFC9EE



CAF5ED



7A6E76



BA007E

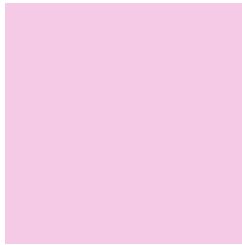


3B0028



# Previews

## White Background



This preview shows how the Hex color F5CAE7 looks on a white background.

## Color Contrast Check

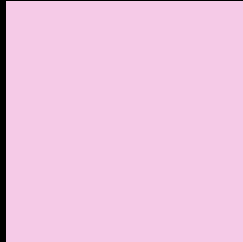
Large Text (above 18pt) WCAG AA × Fail

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 F5CAE7 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 F5CAE7 Background



This preview shows how black text looks on a background with the Hex color F5CAE7.

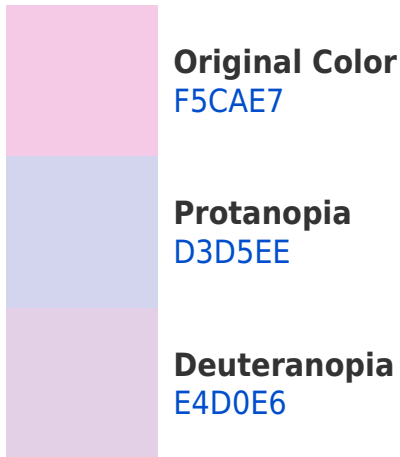


This preview shows how white text looks on a background with the Hex color F5CAE7.

# 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



**Original Color**  
F5CAE7

**Protanomaly**  
DFD1EB

**Deuteranomaly**  
EACEE6

**Tritanomaly**  
F4CBE0

# Monochromacy



**Original Color**  
F5CAE7

**Achromatopsia**  
DADADA

**Achromatomaly**  
E4D4DF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F5CAE7 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 #F5CAE7 looks like.

```
.text, #text, p{  
    color:#F5CAE7  
}
```

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 #F5CAE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5CAE7
}
```

## Border

The CSS property to change the border of an element to Hex F5CAE7 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
#F5CAE7 }
```

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

```
.border{ border-color:#F5CAE7 }
```

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

Here you see how a box with a 4 pixel #F5CAE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5CAE7; -webkit-box-shadow:4px 4px  
4px 4px #F5CAE7; box-shadow:4px 4px 4px  
4px #F5CAE7 }
```

# Background

The CSS property to change the background color of an element to Hex F5CAE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5CAE7 }
```

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

```
.background{ background-color:#F5CAE7 }
```

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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