

# Converting Colors

Hex(F0C2DA)

Have a look what the booklet for  
Hex(F0C2DA) contains.

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# **Color**

**Hex(F0C2DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0C2DA
RGB	240, 194, 218
RGB Percent	94%, 76%, 85%
CMY	0.0588, 0.2392, 0.1451
CMYK	0.00, 0.19, 0.09, 0.06
HSL	329°, 61%, 85%
HSV	329°, 19%, 94%
XYZ	67.8819, 62.1708, 74.7521
YIQ	210.4900, 19.7120, 17.2160

# Conversions

## Conversions Part 2

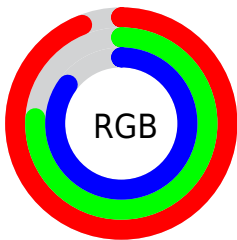
Format	Color
R <sub>Y</sub> B	240, 194, 218
Decimal	15778522
CIE Lab	83.00, 20.19, -5.74
CIE LCh	83, 20.990, 344.135
Yxy	62.1708, 0.3314, 0.3036
Android (android.graphics.Color)	4293968602 (0xFFF0C2DA)
YUV	210.4900, 3.7024, 25.8803
Hunter-Lab	78.8485, 15.6886, -1.0158

# Details

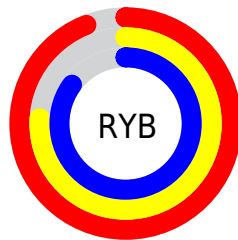
The Hex color **F0C2DA** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **C2F0D8**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFBFF**, and **B88CA3** is the 20% darker color. If you saturate the color by 10%, you get **F0AACF**, and if you desaturate by 10%, it is **F0DAE5**.

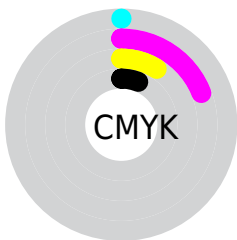
# Distribution



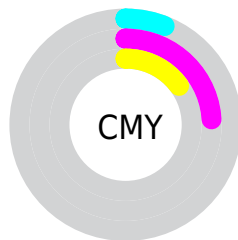
- Red (94%)
- Green (76%)
- Blue (85%)



- Red (94%)
- Yellow (76%)
- Blue (85%)



- Cyan (0%)
- Magenta (19%)
- Yellow (9%)
- Black (6%)



- Cyan (6%)
- Magenta (24%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0C2DA 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 F0C2DA by changing the saturation by 10% instead.



 F0C2DA

 F0C2DA

FFFFFF

 D3A7BE

 FFFBFF

 B88CA3

 9C7289

 825A6F

 684257

 502B40

 38152A

 240016

 000000

 F0C2DA

 F0C2DA

 F0AACF

 F0DAE5

 F092C3

 F0F2F1

 F07AB8

 F0FFFC

 F062AC

 F0FFFF

 F04AA1

 F03295

 F01A8A

 F0027E

 F0007D

# Harmonies

## Analogous

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



DEC7EB



F0C2DA



F8C1C6

# Triad

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



F0C2DA



D4D0A8



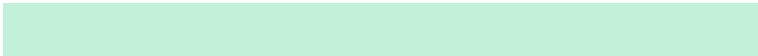
9CD8E9

# Complementary

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



F0C2DA



C2F0D8

# 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.



9BDAD8



F0C2DA



BED6B2

# Square

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



F0C2DA



E8CAA9



A9D9C3



ACD4F4

# Rectangle

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



F0C2DA



F7C3B9



A9D9C3



9AD9E4



# Sweetspot

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



F0C2DA



FFF0F8



D7C2F0



80777B



000000



808080



# Same Dimension

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



F0C2DA



FFC4E3



F0C2C4



786C72



B80060



38001D



# Inverse Universe

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



F0C2DA



FFC4E3



C2F0EE



786C72



B80060



38001D



# Previews

## White Background



This preview shows how the Hex color F0C2DA looks on a white background.

## Color Contrast Check

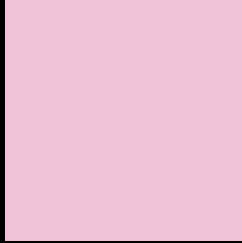
Large Text (above 18pt) WCAG AA × Fail

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 F0C2DA 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 F0C2DA Background



This preview shows how black text looks on a background with the Hex color F0C2DA.



This preview shows how white text looks on a background with the Hex color F0C2DA.

# 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**  
F0C2DA

**Protanopia**  
CDCEE1

**Deuteranopia**  
DFC9D9

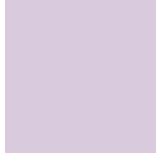


**Tritanopia**  
EFC3D2

# Trichromacy



**Original Color**  
F0C2DA



**Protanomaly**  
DACADE



**Deuteranomaly**  
E5C6D9

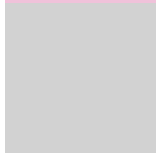


**Tritanomaly**  
EFC3D5

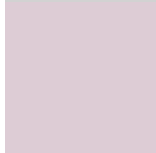
# Monochromacy



**Original Color**  
F0C2DA



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
DDCCD5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0C2DA 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 #F0C2DA looks like.

```
.text, #text, p{  
    color:#F0C2DA  
}
```

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 #F0C2DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0C2DA
}
```

## Border

The CSS property to change the border of an element to Hex F0C2DA 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
#F0C2DA }
```

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

```
.border{ border-color:#F0C2DA }
```

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

Here you see how a box with a 4 pixel #F0C2DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0C2DA; -webkit-box-shadow:4px 4px  
4px 4px #F0C2DA; box-shadow:4px 4px 4px  
4px #F0C2DA }
```

# Background

The CSS property to change the background color of an element to Hex F0C2DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0C2DA }
```

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

```
.background{ background-color:#F0C2DA }
```

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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