

# Converting Colors

Hex(F0A5DA)

Have a look what the booklet for  
Hex(F0A5DA) contains.

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# **Color**

**Hex(F0A5DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0A5DA
RGB	240, 165, 218
RGB Percent	94%, 65%, 85%
CMY	0.0588, 0.3529, 0.1451
CMYK	0.00, 0.31, 0.09, 0.06
HSL	318°, 71%, 79%
HSV	318°, 31%, 94%
XYZ	62.0452, 50.4975, 72.8065
YIQ	193.4670, 27.6870, 32.3830

# Conversions

## Conversions Part 2

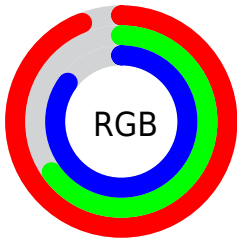
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 165, 218
Decimal	15771098
CIE Lab	76.37, 35.58, -15.63
CIE LCh	76, 38.855, 336.287
Yxy	50.4975, 0.3347, 0.2724
Android (android.graphics.Color)	4293961178 (0xFF0A5DA)
YUV	193.4670, 12.0948, 40.8094
Hunter-Lab	71.0616, 31.4939, -11.0028

# Details

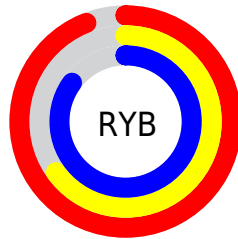
The Hex color **F0A5DA** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **A5F0BB**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFDDFF**, and **B770A3** is the 20% darker color. If you saturate the color by 10%, you get **F08DD3**, and if you desaturate by 10%, it is **F0BDE1**.

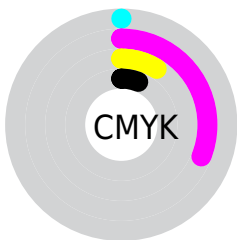
# Distribution



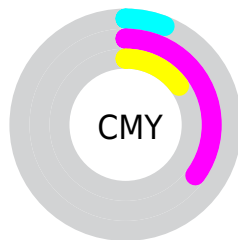
- Red (94%)
- Green (65%)
- Blue (85%)



- Red (94%)
- Yellow (65%)
- Blue (85%)



- Cyan (0%)
- Magenta (31%)
- Yellow (9%)
- Black (6%)



- Cyan (6%)
- Magenta (35%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0A5DA 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 F0A5DA by changing the saturation by 10% instead.



 F0A5DA

 F0A5DA

FFFFFF

 D38ABE

 FFDDFF

 B770A3

 FFFAFF

 9B5789

 803E6F

 662557

 4D0B3F

 350029

 1D0014

 000000

 F0A5DA

 F0A5DA

 F08DD3

 F0BDE1

 F075CC

 F0D5E8

 F05DC5

 F0EDEF

 F045BE

 F0FFF6

 F02DB7

 F0FFFD

 F015B0

 F0FFFF

 F000AA

# Harmonies

## Analogous

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



CBB0F6



F0A5DA



FFA1B6

# Triad

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



F0A5DA



CDBD74



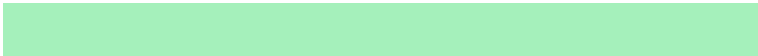
30CEE6

# Complementary

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



F0A5DA



A5F0BB

# 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.



4CD0C3



F0A5DA



A6C781

# Square

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



F0A5DA



ECB07B



7BCD9E



5AC8FD

# Rectangle

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



F0A5DA



FFA39E



7BCD9E



33CFDB



# Sweetspot

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



F0A5DA



FFE8F8



BAA5F0



80717B



000000



808080



# Same Dimension

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



F0A5DA



FF9EE3



F0A5B5



786C74



B80082



380028



# Inverse Universe

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



F0A5DA



FF9EE3



A5F0E0



786C74



B80082

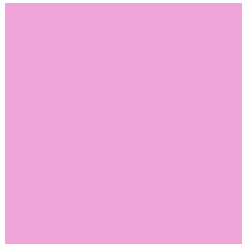


380028



# Previews

## White Background



This preview shows how the Hex color F0A5DA looks on a white background.

## Color Contrast Check

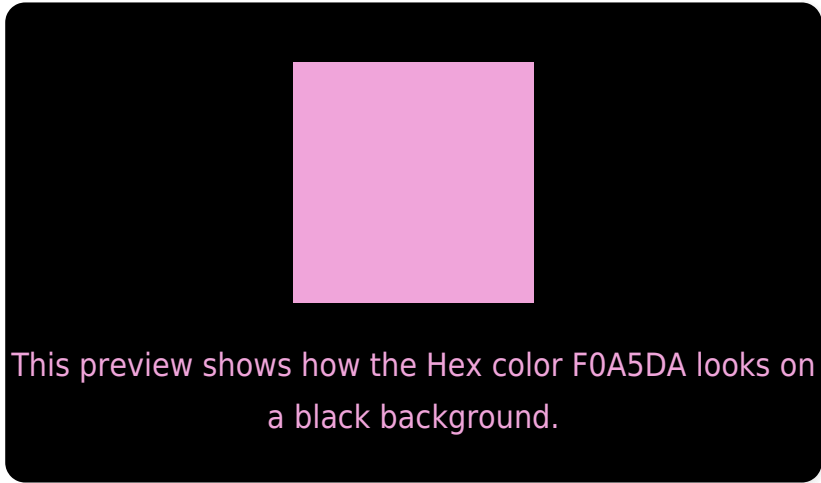
Large Text (above 18pt) WCAG AA × Fail

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 F0A5DA Background



This preview shows how black text looks on a background with the Hex color F0A5DA.

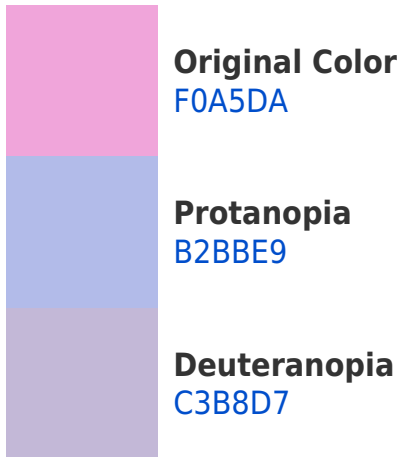


This preview shows how white text looks on a background with the Hex color F0A5DA.

# 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**  
F0A5DA



**Protanomaly**  
C9B3E4



**Deuteranomaly**  
D3B1D8



**Tritanomaly**  
EDA9C4

# Monochromacy



**Original Color**  
F0A5DA



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
D2B7CA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0A5DA 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 #F0A5DA looks like.

```
.text, #text, p{  
    color:#F0A5DA  
}
```

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 #F0A5DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0A5DA
}
```

## Border

The CSS property to change the border of an element to Hex F0A5DA 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
#F0A5DA }
```

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

```
.border{ border-color:#F0A5DA }
```

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

Here you see how a box with a 4 pixel #F0A5DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0A5DA; -webkit-box-shadow:4px 4px  
4px 4px #F0A5DA; box-shadow:4px 4px 4px  
4px #F0A5DA }
```

# Background

The CSS property to change the background color of an element to Hex F0A5DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0A5DA }
```

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

```
.background{ background-color:#F0A5DA }
```

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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