

Converting Colors

Hex(F0A6DA)

Have a look what the booklet for
Hex(F0A6DA) contains.

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Color

Hex(F0A6DA)

Conversions

Conversions Part 1

Format	Color
Hex	F0A6DA
RGB	240, 166, 218
RGB Percent	94%, 65%, 85%
CMY	0.0588, 0.3490, 0.1451
CMYK	0.00, 0.31, 0.09, 0.06
HSL	318°, 71%, 80%
HSV	318°, 31%, 94%
XYZ	62.2263, 50.8597, 72.8669
YIQ	194.0540, 27.4120, 31.8600

Conversions

Conversions Part 2

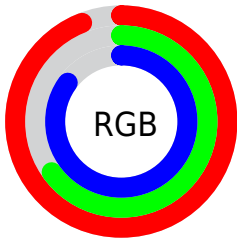
Format	Color
R _Y B	240, 166, 218
Decimal	15771354
CIE Lab	76.59, 35.05, -15.29
CIE LCh	77, 38.239, 336.424
Yxy	50.8597, 0.3346, 0.2735
Android (android.graphics.Color)	4293961434 (0xFFF0A6DA)
YUV	194.0540, 11.8054, 40.2946
Hunter-Lab	71.3160, 30.9461, -10.6582

Details

The Hex color **F0A6DA** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A6F0BC**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFDEFF**, and **B771A3** is the 20% darker color. If you saturate the color by 10%, you get **F08ED3**, and if you desaturate by 10%, it is **F0BEE1**.

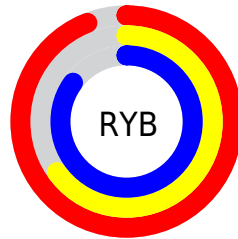
Distribution



Red (94%)

Green (65%)

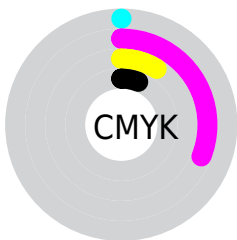
Blue (85%)



Red (94%)

Yellow (65%)

Blue (85%)

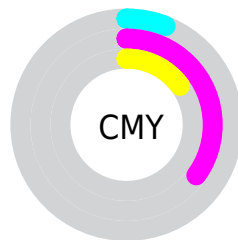


Cyan (0%)

Magenta (31%)

Yellow (9%)

Black (6%)



Cyan (6%)

Magenta (35%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0A6DA 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 F0A6DA by changing the saturation by 10% instead.

 F0A6DA

 F0A6DA

FFFFFF

 D38BBE

 FFDEFF

 B771A3

 FFFBFF

 9B5889

 813F6F

 662657

 4D0C3F

 350029

 1E0014

 000000

 F0A6DA

 F0A6DA

 F08ED3

 F0BEE1

 F076CC

 F0D6E8

 F05EC5

 F0EEEE

 F046BD

 F0FFF7

 F02EB6

 F0FFFE

 F016AF

 F0FFFF

 F000A9

Harmonies

Analogous

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



CBB1F6



F0A6DA



FFA2B7

Triad

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



F0A6DA



CDBD76



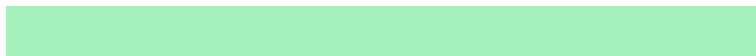
37CEE6

Complementary

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



F0A6DA



A6F0BC

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.



50D0C4



F0A6DA



A7C783

Square

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



F0A6DA



ECB17D



7CCEA0



5DC8FD

Rectangle

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



F0A6DA



FFA49F



7CCEA0



39CFDB

Sweetspot

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



F0A6DA



FFE8F8



BBA6F0



80717B



000000



808080

Same Dimension

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



F0A6DA



FFA1E3



F0A6B6



786C74



B80081



380027

Inverse Universe

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



F0A6DA



FFA1E3



A6F0E0



786C74



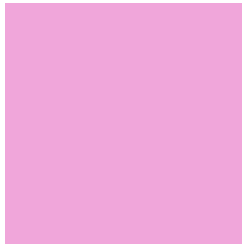
B80081



380027

Previews

White Background



This preview shows how the Hex color F0A6DA 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 F0A6DA Background



This preview shows how black text looks on a background with the Hex color F0A6DA.

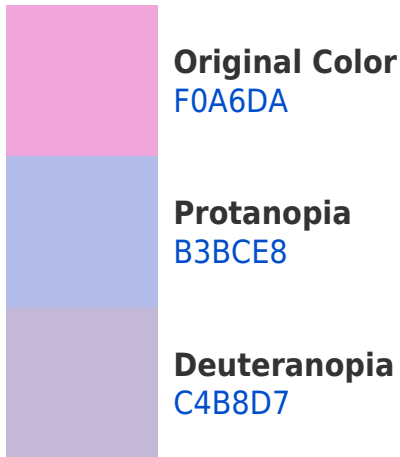


This preview shows how white text looks on a background with the Hex color F0A6DA.

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
F0A6DA



Protanomaly
C9B4E3



Deuteranomaly
D4B1D8

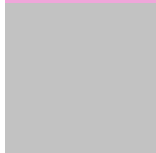


Tritanomaly
EDAAC5

Monochromacy



Original Color
F0A6DA



Achromatopsia
C2C2C2



Achromatomaly
D3B8CB

CSS Examples

Text

The CSS property to change the color of the text to Hex F0A6DA 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 #F0A6DA looks like.

```
.text, #text, p{  
    color:#F0A6DA  
}
```

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 #F0A6DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0A6DA
}
```

Border

The CSS property to change the border of an element to Hex F0A6DA 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
#F0A6DA }
```

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

```
.border{ border-color:#F0A6DA }
```

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

Here you see how a box with a 4 pixel #F0A6DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0A6DA; -webkit-box-shadow:4px 4px  
4px 4px #F0A6DA; box-shadow:4px 4px 4px  
4px #F0A6DA }
```

Background

The CSS property to change the background color of an element to Hex F0A6DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0A6DA }
```

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

```
.background{ background-color:#F0A6DA }
```

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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