

# Converting Colors

Hex(FA82DA)

Have a look what the booklet for  
Hex(FA82DA) contains.

<b>Hex(FA82DA)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(FA82DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA82DA
RGB	250, 130, 218
RGB Percent	98%, 51%, 85%
CMY	0.0196, 0.4902, 0.1451
CMYK	0.00, 0.48, 0.13, 0.02
HSL	316°, 92%, 75%
HSV	316°, 48%, 98%
XYZ	60.0619, 41.3512, 71.1456
YIQ	175.9120, 43.2720, 52.8080

# Conversions

## Conversions Part 2

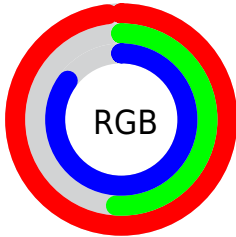
Format	Color
R <sub>Y</sub> B	250, 130, 218
Decimal	16417498
CIE Lab	70.42, 56.56, -24.55
CIE LCh	70, 61.657, 336.538
Yxy	41.3512, 0.3481, 0.2396
Android (android.graphics.Color)	4294607578 (0xFFFA82DA)
YUV	175.9120, 20.7494, 64.9752
Hunter-Lab	64.3049, 54.1884, -20.5838

# Details

The Hex color **FA82DA** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **82FAA2**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFBAFF**, and **BF4BA3** is the 20% darker color. If you saturate the color by 10%, you get **FA69D3**, and if you desaturate by 10%, it is **FA9BE1**.

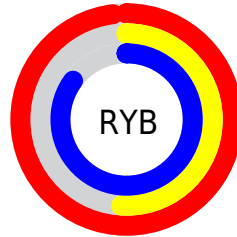
# Distribution



Red (98%)

Green (51%)

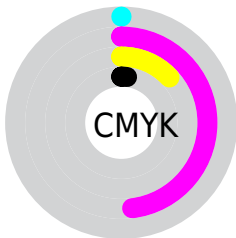
Blue (85%)



Red (98%)

Yellow (51%)

Blue (85%)

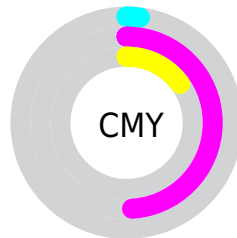


Cyan (0%)

Magenta (48%)

Yellow (13%)

Black (2%)



Cyan (2%)

Magenta (49%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FA82DA 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 FA82DA by changing the saturation by 10% instead.



 FA82DA

 FA82DA

FFFFFF

 DC67BE

 FFBAFF

 BF4BA3

 FFD7FF

 A32E88

 FFF4FF

 87076F

 6B0056

 50003F

 380029

 180012

 000000

 FA82DA

 FA82DA

 FA69D3

 FA9BE1

 FA50CD

 FAB4E7

 FA37C6

 FACDEE

 FA1EBF

 FAE6F5

 FA05B9

 FAFFFB

 FA00B7

 FAFFFF

# Harmonies

## Analogous

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



BF98FF



FA82DA



FF79A2

# Triad

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



FA82DA



BFAD33



00C6EE

# Complementary

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



FA82DA



82FAA2

# 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.



00C8B7



FA82DA



84BC4C

# Square

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



FA82DA



EE9943



1BC47D



00BEFF

# Rectangle

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



FA82DA



FF7E7D



1BC47D



00C7DD



# Sweetspot

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



FA82DA



FFDBF5



A282FA



806A7A



000000



808080



# Same Dimension

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



FA82DA



FF6BD8



FA829E



7D707A



BD008A



3D002D



# Inverse Universe

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



FA82DA



FF6BD8



82FADE



7D707A



BD008A



3D002D



# Previews

## White Background



This preview shows how the Hex color FA82DA looks on a white background.

## Color Contrast Check

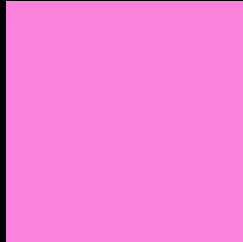
Large Text (above 18pt) WCAG AA × Fail

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 FA82DA 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 FA82DA Background



This preview shows how black text looks on a background with the Hex color FA82DA.

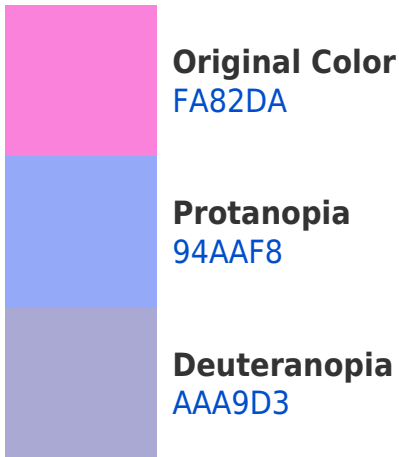


This preview shows how white text looks on a background with the Hex color FA82DA.

# 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





**Tritanopia**  
F3909A

# Trichromacy



**Original Color**  
FA82DA



**Protanomaly**  
B99BED



**Deuteranomaly**  
C79BD6



**Tritanomaly**  
F68BB1

# Monochromacy



**Original Color**  
FA82DA



**Achromatopsia**  
B0B0B0



**Achromatomaly**  
CB9FBF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FA82DA 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 #FA82DA looks like.

```
.text, #text, p{  
    color:#FA82DA  
}
```

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 #FA82DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA82DA
}
```

## Border

The CSS property to change the border of an element to Hex FA82DA 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
#FA82DA }
```

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

```
.border{ border-color:#FA82DA }
```

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

Here you see how a box with a 4 pixel #FA82DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA82DA; -webkit-box-shadow:4px 4px  
4px 4px #FA82DA; box-shadow:4px 4px 4px  
4px #FA82DA }
```

# Background

The CSS property to change the background color of an element to Hex FA82DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA82DA }
```

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

```
.background{ background-color:#FA82DA }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor