

Converting Colors

Hex(FF82DB)

Have a look what the booklet for
Hex(FF82DB) contains.

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Color

Hex(F82DB)

Conversions

Conversions Part 1

Format	Color
Hex	FF82DB
RGB	255, 130, 219
RGB Percent	100%, 51%, 86%
CMY	0.0000, 0.4902, 0.1412
CMYK	0.00, 0.49, 0.14, 0.00
HSL	317°, 100%, 75%
HSV	317°, 49%, 100%
XYZ	62.0088, 42.3397, 71.9220
YIQ	177.5210, 45.9310, 54.1790

Conversions

Conversions Part 2

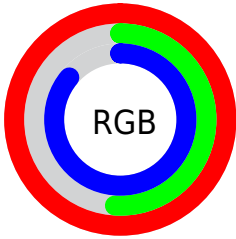
Format	Color
RYB	255, 130, 219
Decimal	16745179
CIELab	71.10, 58.20, -24.00
CIELCh	71, 62.956, 337.591
Yxy	42.3397, 0.3518, 0.2402
Android (android.graphics.Color)	4294935259 (0xFFFF82DB)
YUV	177.5210, 20.4491, 67.9491
Hunter-Lab	65.0690, 56.2345, -19.9861

Details

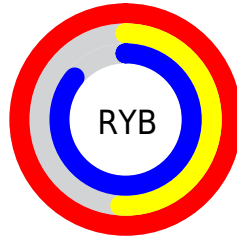
The Hex color **FF82DB** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **82FFA6**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFBAFF**, and **C44BA4** is the 20% darker color. If you saturate the color by 10%, you get **FF69D4**, and if you desaturate by 10%, it is **FF9BE2**.

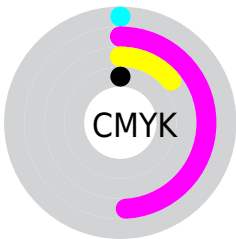
Distribution



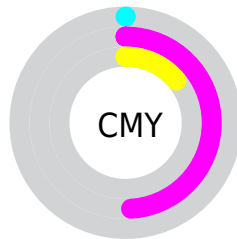
- Red (100%)
- Green (51%)
- Blue (86%)



- Red (100%)
- Yellow (51%)
- Blue (86%)



- Cyan (0%)
- Magenta (49%)
- Yellow (14%)
- Black (0%)



- Cyan (0%)
- Magenta (49%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF82DB 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 FF82DB by changing the saturation by 10% instead.

 FF82DB

 FF82DB

FFFFFF

 E166BF

 FFBAFF

 C44BA4

 FFD7FF

 A72D89

 FFF4FF

 8B0370

 6F0057

 540040

 3B002A

 1E0013

 000000

 FF82DB

 FF82DB

 FF69D4

 FF9BE2

 FF4FCC

 FFB5EA

 FF35C5

 FFCFF1

 FF1CBE

 FFE8F8

 FF02B6

FFFFFF

 FF00B6

Harmonies

Analogous

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



C499FF



FF82DB



FF79A2

Triad

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



FF82DB



BFB032



00C8F3

Complementary

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



FF82DB



82FFA6

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.



00CABB



FF82DB



82BE4D

Square

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



FF82DB



EF9B41



00C780



00C0FF

Rectangle

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



FF82DB



FF7F7C



00C780



00C9E2

Sweetspot

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



FF82DB



FFD9F4



A582FF



806979



000000



808080

Same Dimension

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



FF82DB



FF69D4



FF829D



80737C



BF0088



40002D

Inverse Universe

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



FF82DB



FF69D4



82FFE4



80737C



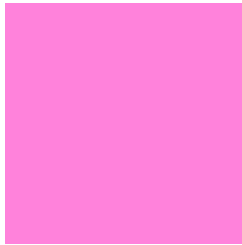
BF0088



40002D

Previews

White Background



This preview shows how the Hex color FF82DB looks on a white background.

Color Contrast Check

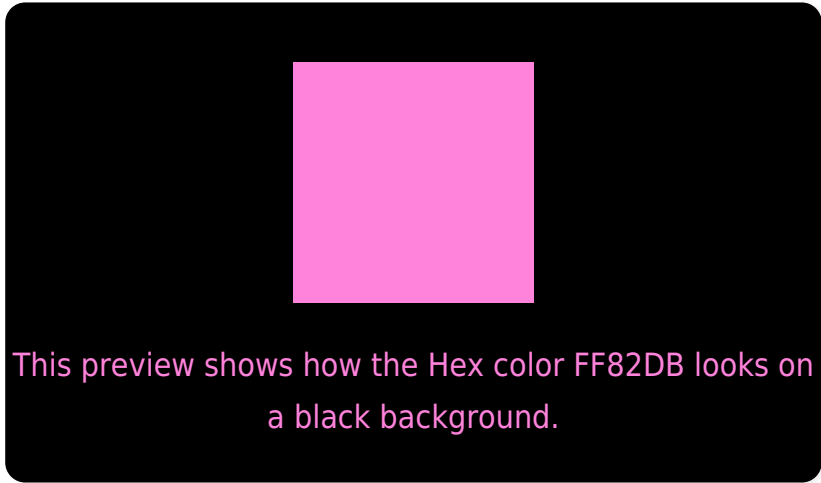
Large Text (above 18pt) WCAG AA × Fail

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 FF82DB Background



This preview shows how black text looks on a background with the Hex color FF82DB.

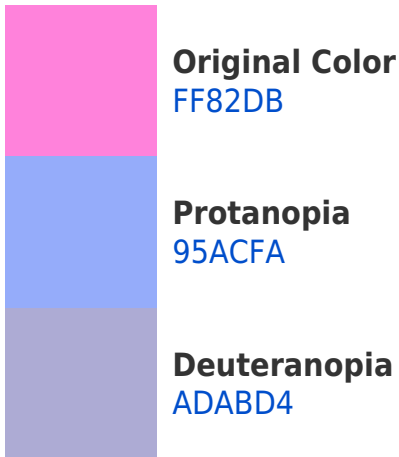


This preview shows how white text looks on a background with the Hex color FF82DB.

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
F8909B

Trichromacy



Original Color
FF82DB



Protanomaly
BC9DEF



Deuteranomaly
CB9CD7



Tritanomaly
FB8BB2

Monochromacy



Original Color
FF82DB



Achromatopsia
B2B2B2



Achromatomaly
CEA1C1

CSS Examples

Text

The CSS property to change the color of the text to Hex FF82DB 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 #FF82DB looks like.

```
.text, #text, p{  
    color:#FF82DB  
}
```

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 #FF82DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF82DB
}
```

Border

The CSS property to change the border of an element to Hex FF82DB 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
#FF82DB }
```

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

```
.border{ border-color:#FF82DB }
```

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

Here you see how a box with a 4 pixel #FF82DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF82DB; -webkit-box-shadow:4px 4px  
4px 4px #FF82DB; box-shadow:4px 4px 4px  
4px #FF82DB }
```

Background

The CSS property to change the background color of an element to Hex FF82DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF82DB }
```

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

```
.background{ background-color:#FF82DB }
```

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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