

Converting Colors

Hex(FF81C6)

Have a look what the booklet for
Hex(FF81C6) contains.

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Color

Hex(F81C6)

Conversions

Conversions Part 1

Format	Color
Hex	FF81C6
RGB	255, 129, 198
RGB Percent	100%, 51%, 78%
CMY	0.0000, 0.4941, 0.2235
CMYK	0.00, 0.49, 0.22, 0.00
HSL	327°, 100%, 75%
HSV	327°, 49%, 100%
XYZ	59.2833, 41.0377, 58.2226
YIQ	174.5400, 52.9470, 48.1710

Conversions

Conversions Part 2

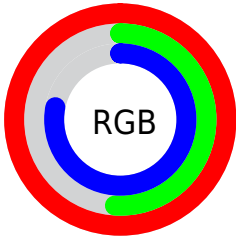
Format	Color
R_{YB}	255, 129, 198
Decimal	16744902
CIE _{Lab}	70.20, 55.64, -13.71
CIE _{LCh}	70, 57.305, 346.160
Yxy	41.0377, 0.3739, 0.2588
Android (android.graphics.Color)	4294934982 (0xFFFF81C6)
YUV	174.5400, 11.5658, 70.5634
Hunter-Lab	64.0607, 53.0819, -9.0442

Details

The Hex color **FF81C6** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **81FFBA**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFB9FF**, and **C44A90** is the 20% darker color. If you saturate the color by 10%, you get **FF68BA**, and if you desaturate by 10%, it is **FF9BD2**.

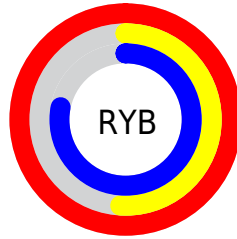
Distribution



Red (100%)

Green (51%)

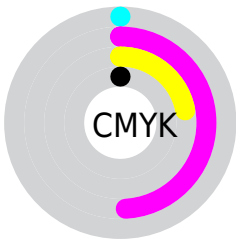
Blue (78%)



Red (100%)

Yellow (51%)

Blue (78%)

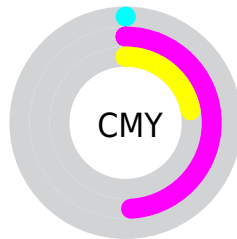


Cyan (0%)

Magenta (49%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (49%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF81C6 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 FF81C6 by changing the saturation by 10% instead.

 FF81C6

 FF81C6

FFFFFF

 E166AB

 FFB9FF

 C44A90

 FFD6FF

 A72D76

 FFF3FF

 8A045E

 6E0046

 530030

 3B001B

 1A0001

 000000

 FF81C6

 FF81C6

 FF68BA

 FF9BD2

 FF4EAF

 FFB4DD

 FF35A3

 FFC EE9

 FF1B98

 FFE7F4

 FF028C

FFFFFF

 FF008C

Harmonies

Analogous

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



D392F4



FF81C6



FF7F91

Triad

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



FF81C6



AEB241



00C2F6

Complementary

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



FF81C6



81FFBA

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.



00C5C7



FF81C6



72BD60

Square

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



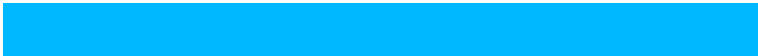
FF81C6



DDA043



00C491



00B8FF

Rectangle

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



FF81C6



FF8771



00C491



00C4E8

Sweetspot

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



FF81C6



FFD9EE



BA81FF



806975



000000



808080

Same Dimension

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



FF81C6



FF69BB



FF8187



80737A



BF0069



400023

Inverse Universe

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



FF81C6



FF69BB



81FFF9



80737A



BF0069



400023

Previews

White Background



This preview shows how the Hex color FF81C6 looks on a white background.

Color Contrast Check

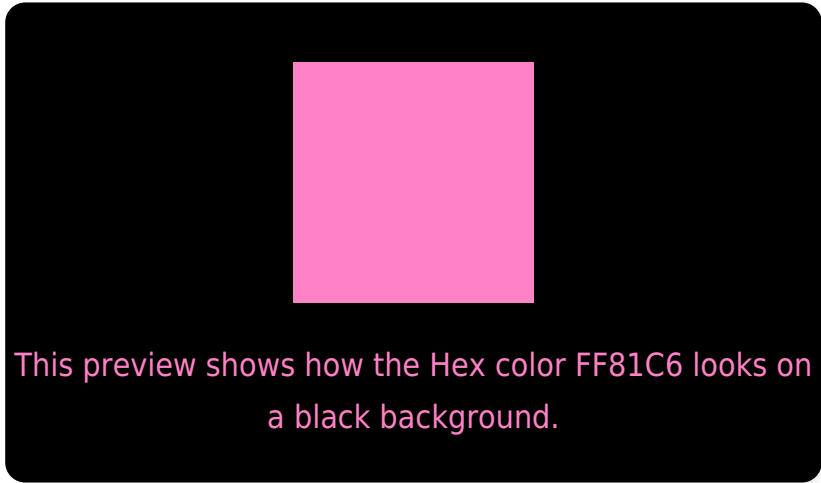
Large Text (above 18pt) WCAG AA × Fail

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 FF81C6 Background



This preview shows how black text looks on a background with the Hex color FF81C6.

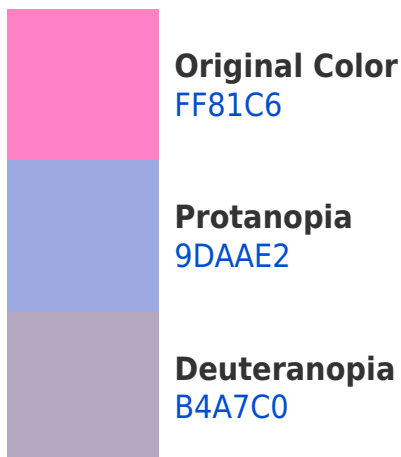


This preview shows how white text looks on a background with the Hex color FF81C6.

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
FA8B95

Trichromacy



Original Color
FF81C6



Protanomaly
C19BD8



Deuteranomaly
CF99C2



Tritanomaly
FC87A7

Monochromacy



Original Color
FF81C6



Achromatopsia
AFAFAF



Achromatomaly
CC9EB7

CSS Examples

Text

The CSS property to change the color of the text to Hex FF81C6 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 #FF81C6 looks like.

```
.text, #text, p{  
    color:#FF81C6  
}
```

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 #FF81C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF81C6
}
```

Border

The CSS property to change the border of an element to Hex FF81C6 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
#FF81C6 }
```

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

```
.border{ border-color:#FF81C6 }
```

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

Here you see how a box with a 4 pixel #FF81C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF81C6; -webkit-box-shadow:4px 4px  
4px 4px #FF81C6; box-shadow:4px 4px 4px  
4px #FF81C6 }
```

Background

The CSS property to change the background color of an element to Hex FF81C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF81C6 }
```

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

```
.background{ background-color:#FF81C6 }
```

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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