

Converting Colors

Hex(FD78B3)

Have a look what the booklet for
Hex(FD78B3) contains.

Hex(FD78B3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FD78B3)

Conversions

Conversions Part 1

Format	Color
Hex	FD78B3
RGB	253, 120, 179
RGB Percent	99%, 47%, 70%
CMY	0.0078, 0.5294, 0.2980
CMYK	0.00, 0.53, 0.29, 0.01
HSL	333°, 97%, 73%
HSV	333°, 53%, 99%
XYZ	55.3612, 37.5703, 46.9818
YIQ	166.4930, 60.3290, 46.5450

Conversions

Conversions Part 2

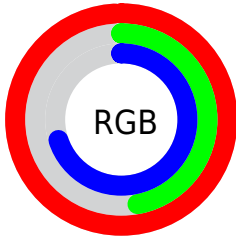
Format	Color
R _Y B	253, 120, 179
Decimal	16611507
CIE Lab	67.70, 56.78, -6.82
CIE LCh	68, 57.187, 353.155
Yxy	37.5703, 0.3957, 0.2685
Android (android.graphics.Color)	4294801587 (0xFFFD78B3)
YUV	166.4930, 6.1660, 75.8666
Hunter-Lab	61.2946, 53.9554, -2.5390

Details

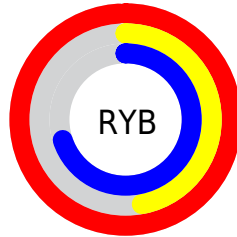
The Hex color **FD78B3** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **78FDC2**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFB0EB**, and **C1407E** is the 20% darker color. If you saturate the color by 10%, you get **FD5FA5**, and if you desaturate by 10%, it is **FD91C1**.

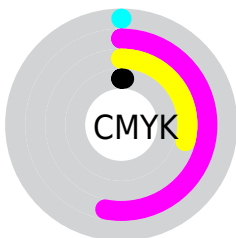
Distribution



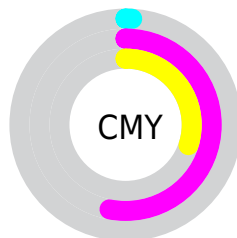
- Red (99%)
- Green (47%)
- Blue (70%)



- Red (99%)
- Yellow (47%)
- Blue (70%)



- Cyan (0%)
- Magenta (53%)
- Yellow (29%)
- Black (1%)



- Cyan (1%)
- Magenta (53%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD78B3 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 FD78B3 by changing the saturation by 10% instead.

 FD78B3

 FD78B3

FFFFFF

 DF5C98

 FFB0EB

 C1407E

 FFCDFE

 A42165

 FFEAFF

 87004D

 6B0037

 4F0021

 360009

 0A0000

 000000

 FD78B3

 FD78B3

 FD5FA5

 FD91C1

 FD4597

 FDABCF

 FD2C89

 FDC4DD

 FD137B

 FDDDEB

 FD0070

 FDF7F9

FDFFFF

Harmonies

Analogous

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



D987E3



FD78B3



FF7A7F

Triad

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



FD78B3



9AAE40



00B9F7

Complementary

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



FD78B3



78FDC2

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.



00BECC



FD78B3



5AB864

Square

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



FD78B3



CC9E39



00BE97



00AEFF

Rectangle

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



FD78B3



F98461



00BE97



00BCEA

Sweetspot

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



FD78B3



FFD6E8



C178FD



806772



000000



808080

Same Dimension

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



FD78B3



FF5EA6



FD7F78



807378



BF0055



40001C

Inverse Universe

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



FD78B3



FF5EA6



78F6FD



807378



BF0055



40001C

Previews

White Background



This preview shows how the Hex color FD78B3 looks on a white background.

Color Contrast Check

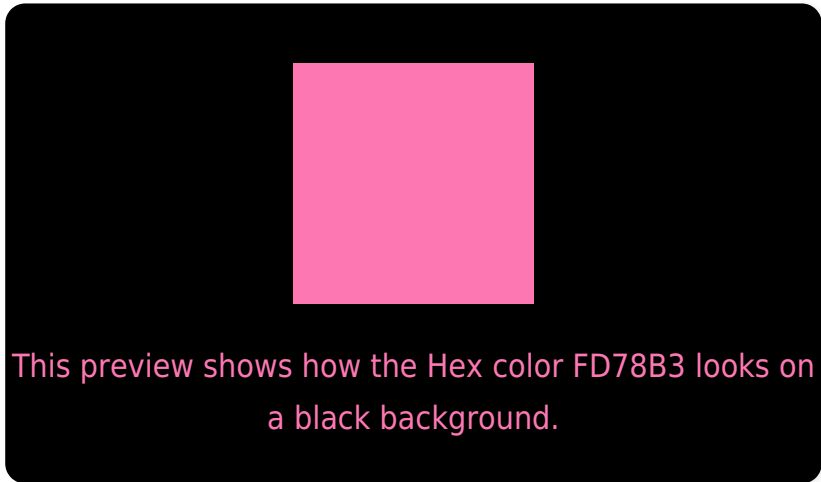
Large Text (above 18pt) WCAG AA × Fail

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

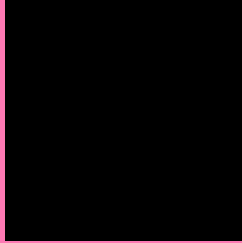
Any Text WCAG AA ✓ Pass

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 FD78B3 Background



This preview shows how black text looks on a background with the Hex color FD78B3.



This preview shows how white text looks on a background with the Hex color FD78B3.

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



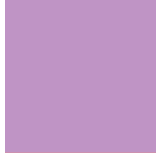


Tritanopia
F98089

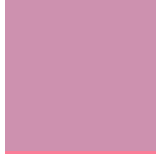
Trichromacy



Original Color
FD78B3



Protanomaly
BF94C5



Deuteranomaly
CD91AF



Tritanomaly
FA7D98

Monochromacy



Original Color
FD78B3



Achromatopsia
A6A6A6



Achromatomaly
C695AB

CSS Examples

Text

The CSS property to change the color of the text to Hex FD78B3 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 #FD78B3 looks like.

```
.text, #text, p{  
    color:#FD78B3  
}
```

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 #FD78B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD78B3
}
```

Border

The CSS property to change the border of an element to Hex FD78B3 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
#FD78B3 }
```

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

```
.border{ border-color:#FD78B3 }
```

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

Here you see how a box with a 4 pixel #FD78B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD78B3; -webkit-box-shadow:4px 4px  
4px 4px #FD78B3; box-shadow:4px 4px 4px  
4px #FD78B3 }
```

Background

The CSS property to change the background color of an element to Hex FD78B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD78B3 }
```

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

```
.background{ background-color:#FD78B3 }
```

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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