

Converting Colors

Hex(FF7BE0)

Have a look what the booklet for
Hex(FF7BE0) contains.

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Color

Hex(F77BE0)

Conversions

Conversions Part 1

Format	Color
Hex	FF7BE0
RGB	255, 123, 224
RGB Percent	100%, 48%, 88%
CMY	0.0000, 0.5176, 0.1216
CMYK	0.00, 0.52, 0.12, 0.00
HSL	314°, 100%, 74%
HSV	314°, 52%, 100%
XYZ	61.7775, 40.8077, 75.1417
YIQ	173.9820, 46.2510, 59.3950

Conversions

Conversions Part 2

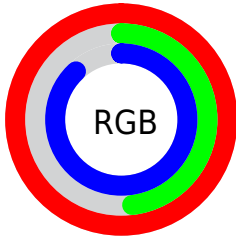
Format	Color
R_{YB}	255, 123, 224
Decimal	16743392
CIE _{Lab}	70.04, 62.25, -28.39
CIE _{LCh}	70, 68.416, 335.479
Yxy	40.8077, 0.3476, 0.2296
Android (android.graphics.Color)	4294933472 (0xFFFF7BE0)
YUV	173.9820, 24.6589, 71.0528
Hunter-Lab	63.8809, 60.8308, -25.0248

Details

The Hex color **FF7BE0** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **7BFF9A**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFB4FF**, and **C442A9** is the 20% darker color. If you saturate the color by 10%, you get **FF62DA**, and if you desaturate by 10%, it is **FF95E6**.

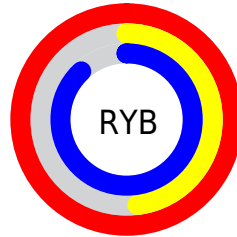
Distribution



Red (100%)

Green (48%)

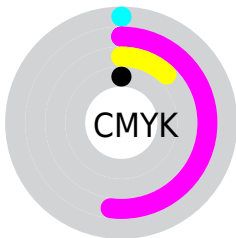
Blue (88%)



Red (100%)

Yellow (48%)

Blue (88%)

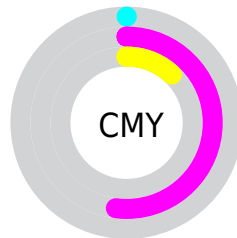


Cyan (0%)

Magenta (52%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (52%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF7BE0 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 FF7BE0 by changing the saturation by 10% instead.

 FF7BE0

 FF7BE0

FFFFFF

 E15FC4

 FFB4FF

 C442A9

 FFD1FF

 A7228E

 FFE0FF

 8A0074

 6E005B

 530043

 3B002D

 1C0017

 000000

 FF7BE0

 FF7BE0

 FF62DA

 FF95E6

 FF48D4

 FFAEEC

 FF2FCE

 FFC8F2

 FF15C8

 FFE1F8

 FF00C3

 FFFBFE

 FFFFFFFF

Harmonies

Analogous

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



BC96FF



FF7BE0



FF6FA2

Triad

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



FF7BE0



C0AC1C



00C7F2

Complementary

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



FF7BE0



7BFF9A

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.



00C9B5



FF7BE0



7FBC3D

Square

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



FF7BE0



F39535



00C575



00BFFF

Rectangle

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



FF7BE0



FF757A



00C575



00C8DF

Sweetspot

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



FF7BE0



FFD6F5



9A7BFF



80677A



000000



808080

Same Dimension

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



FF7BE0



FF61DA



FF7B9E



80737D



BF0092



400031

Inverse Universe

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



FF7BE0



FF61DA



7BFFDC



80737D



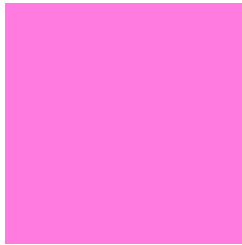
BF0092



400031

Previews

White Background



This preview shows how the Hex color FF7BE0 looks on a white background.

Color Contrast Check

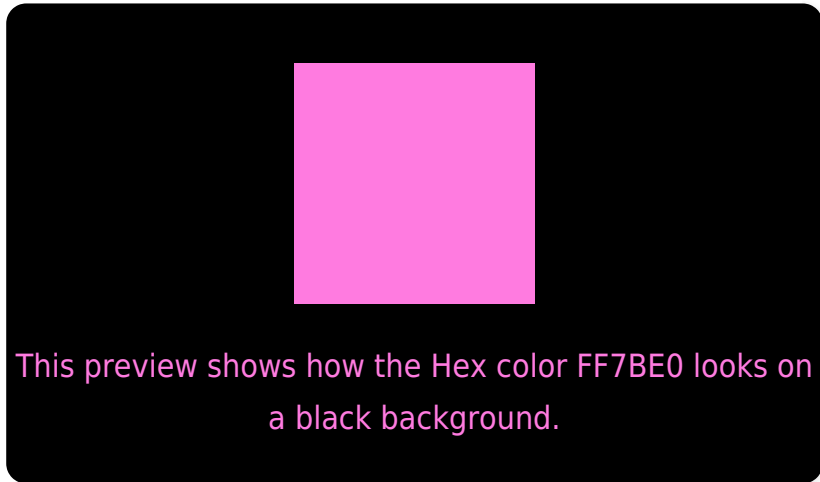
Large Text (above 18pt) WCAG AA × Fail

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 FF7BE0 Background



This preview shows how black text looks on a background with the Hex color FF7BE0.



This preview shows how white text looks on a background with the Hex color FF7BE0.

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
F78C96

Trichromacy



Original Color
FF7BE0



Protanomaly
B798F4



Deuteranomaly
C698DB



Tritanomaly
FA86B1

Monochromacy



Original Color
FF7BE0



Achromatopsia
AEAEAE



Achromatomaly
CB9BC0

CSS Examples

Text

The CSS property to change the color of the text to Hex FF7BE0 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 #FF7BE0 looks like.

```
.text, #text, p{  
    color:#FF7BE0  
}
```

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 #FF7BE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7BE0
}
```

Border

The CSS property to change the border of an element to Hex FF7BE0 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
#FF7BE0 }
```

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

```
.border{ border-color:#FF7BE0 }
```

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

Here you see how a box with a 4 pixel #FF7BE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7BE0; -webkit-box-shadow:4px 4px  
4px 4px #FF7BE0; box-shadow:4px 4px 4px  
4px #FF7BE0 }
```

Background

The CSS property to change the background color of an element to Hex FF7BE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7BE0 }
```

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

```
.background{ background-color:#FF7BE0 }
```

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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