

Converting Colors

Hex(FF7AE2)

Have a look what the booklet for
Hex(FF7AE2) contains.

Hex(FF7AE2)	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(F77AE2)

Conversions

Conversions Part 1

Format	Color
Hex	FF7AE2
RGB	255, 122, 226
RGB Percent	100%, 48%, 89%
CMY	0.0000, 0.5216, 0.1137
CMYK	0.00, 0.52, 0.11, 0.00
HSL	313°, 100%, 74%
HSV	313°, 52%, 100%
XYZ	61.9270, 40.6701, 76.5377
YIQ	173.6230, 45.8840, 60.5400

Conversions

Conversions Part 2

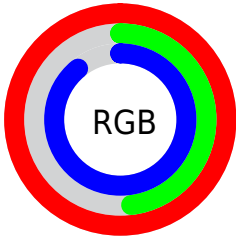
Format	Color
R_{YB}	255, 122, 226
Decimal	16743138
CIE _{Lab}	69.94, 63.01, -29.65
CIE _{LCh}	70, 69.640, 334.802
Yxy	40.6701, 0.3457, 0.2270
Android (android.graphics.Color)	4294933218 (0xFFFF7AE2)
YUV	173.6230, 25.8219, 71.3676
Hunter-Lab	63.7731, 61.7300, -26.5161

Details

The Hex color **FF7AE2** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **7AFF97**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFB3FF**, and **C441AA** is the 20% darker color. If you saturate the color by 10%, you get **FF61DC**, and if you desaturate by 10%, it is **FF94E8**.

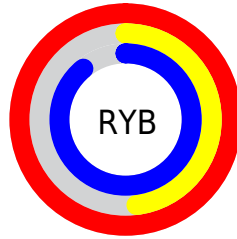
Distribution



Red (100%)

Green (48%)

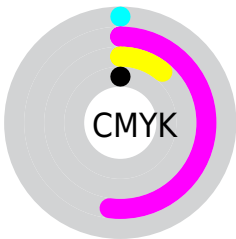
Blue (89%)



Red (100%)

Yellow (48%)

Blue (89%)

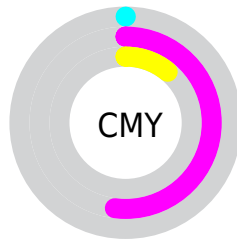


Cyan (0%)

Magenta (52%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (52%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF7AE2 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 FF7AE2 by changing the saturation by 10% instead.

 FF7AE2

 FF7AE2

FFFFFF

 E15EC6

 FFB3FF

 C441AA

 FFD0FF

 A72090

 FFEDFF

 8A0076

 6E005D

 530045

 3B002E

 1B0018

 000000

 FF7AE2

 FF7AE2

 FF61DC

 FF94E8

 FF47D7

 FFADED

 FF2ED1

 FFC7F3

 FF14CC

 FFE0F8

 FF00C7

 FFFAFE

 FFFFFFFF

Harmonies

Analogous

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



B996FF



FF7AE2



FF6DA3

Triad

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



FF7AE2



C1AB16



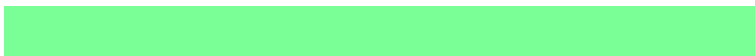
00C7F2

Complementary

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



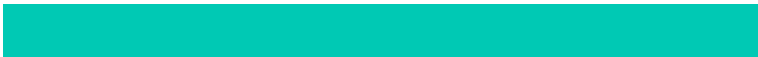
FF7AE2



7AFF97

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.



00C9B4



FF7AE2



80BC39

Square

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



FF7AE2



F59433



00C572



00C0FF

Rectangle

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



FF7AE2



FF737A



00C572



00C8DE

Sweetspot

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



FF7AE2



FFD6F6



977AFF



80677A



000000



808080

Same Dimension

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



FF7AE2



FF5EDC



FF7AA0



80737D



BF0096



400032

Inverse Universe

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



FF7AE2



FF5EDC



7AFFD9



80737D



BF0096



400032

Previews

White Background



This preview shows how the Hex color FF7AE2 looks on a white background.

Color Contrast Check

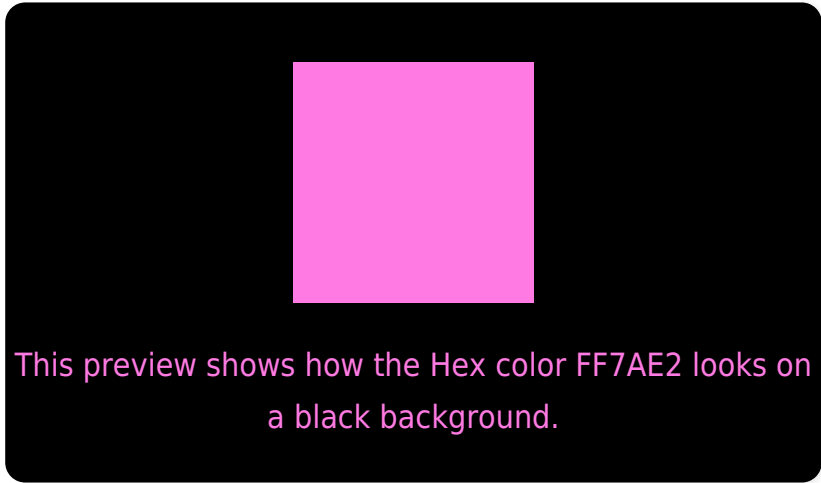
Large Text (above 18pt) WCAG AA × Fail

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 FF7AE2 Background



This preview shows how black text looks on a background with the Hex color FF7AE2.

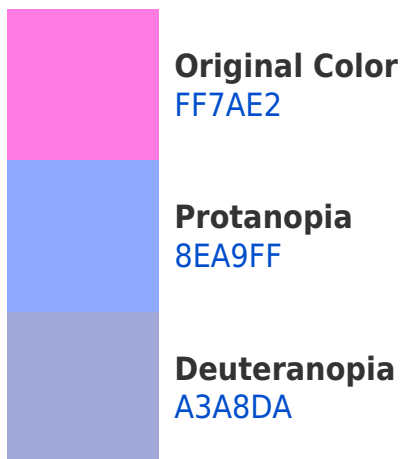


This preview shows how white text looks on a background with the Hex color FF7AE2.

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
FF7AE2



Protanomaly
B798F4



Deuteranomaly
C497DD



Tritanomaly
FA85B2

Monochromacy



Original Color
FF7AE2



Achromatopsia
AEAEAE



Achromatomaly
CB9BC1

CSS Examples

Text

The CSS property to change the color of the text to Hex FF7AE2 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 #FF7AE2 looks like.

```
.text, #text, p{  
    color:#FF7AE2  
}
```

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 #FF7AE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7AE2
}
```

Border

The CSS property to change the border of an element to Hex FF7AE2 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
#FF7AE2 }
```

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

```
.border{ border-color:#FF7AE2 }
```

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

Here you see how a box with a 4 pixel #FF7AE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7AE2; -webkit-box-shadow:4px 4px  
4px 4px #FF7AE2; box-shadow:4px 4px 4px  
4px #FF7AE2 }
```

Background

The CSS property to change the background color of an element to Hex FF7AE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7AE2 }
```

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

```
.background{ background-color:#FF7AE2 }
```

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