

Converting Colors

Hex(FF7A96)

Have a look what the booklet for
Hex(FF7A96) contains.

Hex(FF7A96)	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(F7A96)

Conversions

Conversions Part 1

Format	Color
Hex	FF7A96
RGB	255, 122, 150
RGB Percent	100%, 48%, 59%
CMY	0.0000, 0.5216, 0.4118
CMYK	0.00, 0.52, 0.41, 0.00
HSL	347°, 100%, 74%
HSV	347°, 52%, 100%
XYZ	53.7046, 37.3811, 33.2389
YIQ	164.9590, 70.2800, 36.9040

Conversions

Conversions Part 2

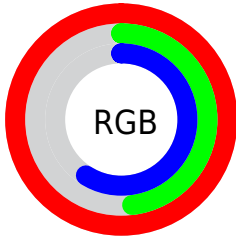
Format	Color
R_{YB}	255, 122, 150
Decimal	16743062
CIE _{Lab}	67.56, 53.18, 9.41
CIE _{LCh}	68, 54.004, 10.031
Yxy	37.3811, 0.4320, 0.3007
Android (android.graphics.Color)	4294933142 (0xFFFF7A96)
YUV	164.9590, -7.3748, 78.9660
Hunter-Lab	61.1401, 49.7967, 10.5649

Details

The Hex color **FF7A96** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **7AFFE3**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFB2CC**, and **C24363** is the 20% darker color. If you saturate the color by 10%, you get **FF6182**, and if you desaturate by 10%, it is **FF94AA**.

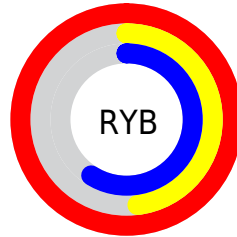
Distribution



Red (100%)

Green (48%)

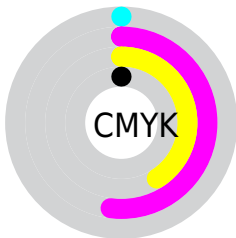
Blue (59%)



Red (100%)

Yellow (48%)

Blue (59%)

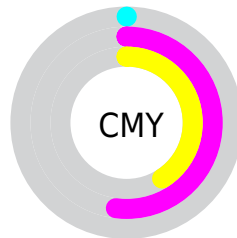


Cyan (0%)

Magenta (52%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (52%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF7A96 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 FF7A96 by changing the saturation by 10% instead.

 FF7A96

 FF7A96

FFFFFF

 E05F7C

 FFB2CC

 C24363

 FFC EE8

 A5264C

 FFE BFF

 870035

 6B0020

 4E0008

 340002

 000000

 FF7A96

 FF7A96

 FF6182

 FF94AA

 FF476E

 FFADBE

 FF2E5A

 FFC7D2

 FF1445

 FFE0E7

 FF0036

 FFFAFB

FFFFFF

Harmonies

Analogous

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



ED80C7



FF7A96



F78468

Triad

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



FF7A96



7CB357



00B3FF

Complementary

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



FF7A96



7AFFE3

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.



00BBE2



FF7A96



28BB82

Square

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



FF7A96



B1A73F



00BDB4



6CA4FF

Rectangle

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



FF7A96



E69050



00BDB4



00B6F8

Sweetspot

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



FF7A96



FFD6DF



E27AFF



80676C



000000



808080

Same Dimension

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



FF7A96



FF5E80



FFA07A



807375



BF0028



40000D

Inverse Universe

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



FF7A96



FF5E80



7AD9FF



807375



BF0028



40000D

Previews

White Background



This preview shows how the Hex color FF7A96 looks on a white background.

Color Contrast Check

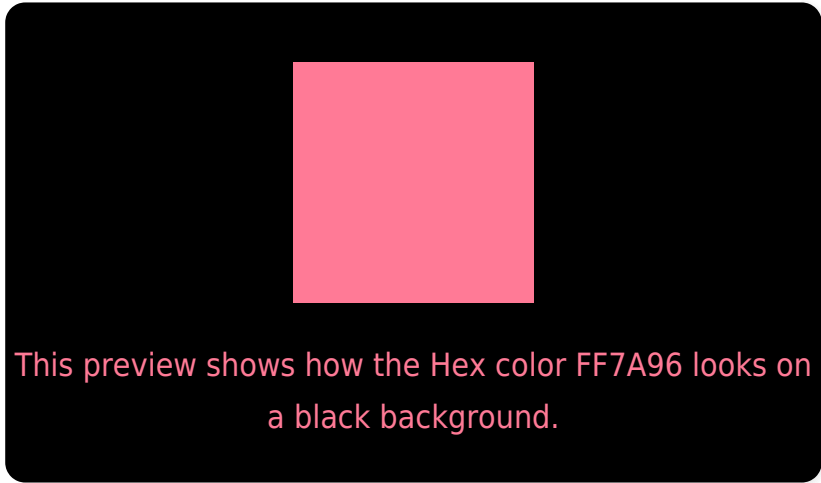
Large Text (above 18pt) WCAG AA × Fail

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 FF7A96 Background



This preview shows how black text looks on a background with the Hex color FF7A96.



This preview shows how white text looks on a background with the Hex color FF7A96.

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
FE7D86

Trichromacy



Original Color
FF7A96



Protanomaly
C695A5



Deuteranomaly
D49292



Tritanomaly
FE7C8C

Monochromacy



Original Color
FF7A96



Achromatopsia
A5A5A5



Achromatomaly
C695A0

CSS Examples

Text

The CSS property to change the color of the text to Hex FF7A96 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 #FF7A96 looks like.

```
.text, #text, p{  
    color:#FF7A96  
}
```

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 #FF7A96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7A96
}
```

Border

The CSS property to change the border of an element to Hex FF7A96 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
#FF7A96 }
```

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

```
.border{ border-color:#FF7A96 }
```

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

Here you see how a box with a 4 pixel #FF7A96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7A96; -webkit-box-shadow:4px 4px  
4px 4px #FF7A96; box-shadow:4px 4px 4px  
4px #FF7A96 }
```

Background

The CSS property to change the background color of an element to Hex FF7A96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7A96 }
```

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

```
.background{ background-color:#FF7A96 }
```

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