

Converting Colors

Hex(FFF7AA)

Have a look what the booklet for
Hex(FFF7AA) contains.

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Color

Hex(FFF7AA)

Conversions

Conversions Part 1

Format	Color
Hex	FFF7AA
RGB	255, 247, 170
RGB Percent	100%, 97%, 67%
CMY	0.0000, 0.0314, 0.3333
CMYK	0.00, 0.03, 0.33, 0.00
HSL	54°, 100%, 83%
HSV	54°, 33%, 100%
XYZ	81.7565, 90.6838, 51.2249
YIQ	240.6140, 29.4850, -22.2510

Conversions

Conversions Part 2

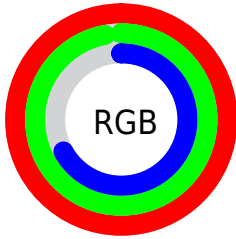
Format	Color
RYB	179, 255, 170
Decimal	16775082
CIELab	96.28, -8.45, 38.04
CIELCh	96, 38.963, 102.524
Yxy	90.6838, 0.3655, 0.4054
Android (android.graphics.Color)	4294965162 (0xFFFFF7AA)
YUV	240.6140, -34.8127, 12.6165
Hunter-Lab	95.2280, -13.4009, 34.7665

Details

The Hex color **FFF7AA** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **AAB2FF**, and the grayscale version is **F1F1F1**.

A 20% lighter version of the original color is **FFFFE2**, and **C5BF75** is the 20% darker color. If you saturate the color by 10%, you get **FFF591**, and if you desaturate by 10%, it is **FFF9C3**.

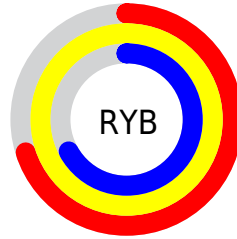
Distribution



Red (100%)

Green (97%)

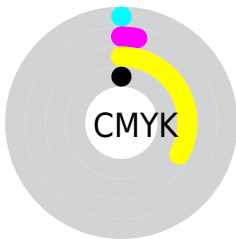
Blue (67%)



Red (70%)

Yellow (100%)

Blue (67%)

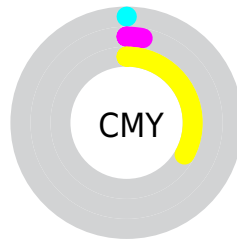


Cyan (0%)

Magenta (3%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFF7AA 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 FFF7AA by changing the saturation by 10% instead.

 FFF7AA

 FFF7AA

FFFFFF

 E2DB8F

 FFFFE2

 C5BF75

 A9A45B

 8E8A43

 73702B

 5A5812

 414100

 292B00

 0D1700

 FFF7AA

 FFF7AA

 FFF591

 FFF9C3

 FFF277

 FFFCDD

 FFF05E

 FFFE77

 FFED44

FFFFFF

 FFE82A

 FFE911

 FFE700

Harmonies

Analogous

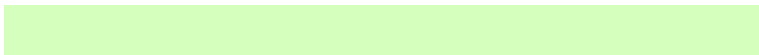
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEAAD



FFF7AA



D5FFBC

Triad

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



FFF7AA



7EFFFF



FFDBFF

Complementary

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



FFF7AA



AAB2FF

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.



FFE5FF



FFF7AA



A3FEFF

Square

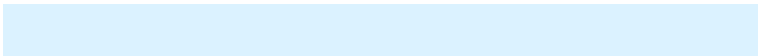
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFF7AA



84FFFF



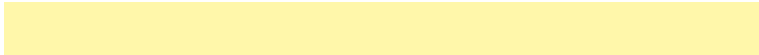
DBF2FF



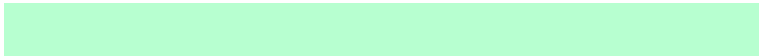
FFD8E6

Rectangle

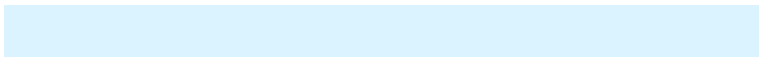
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFF7AA



B7FFD0



DBF2FF



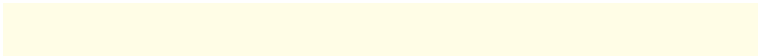
FFDEFF

Sweetspot

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



FFF7AA



FFFDE6



FFAAB3



807E70



000000



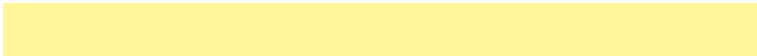
808080

Same Dimension

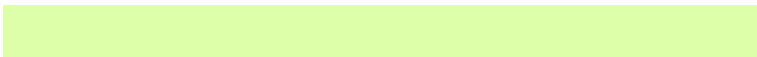
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FFF7AA



FFF599



DDFFAA



807E73



BFAD00



403A00

Inverse Universe

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



AAB2FF



99A3FF



CCAAFF



737480



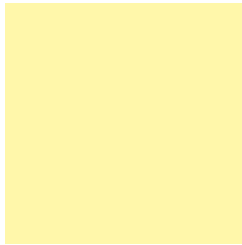
0012BF



000640

Previews

White Background



This preview shows how the Hex color FFF7AA looks on a white background.

Color Contrast Check

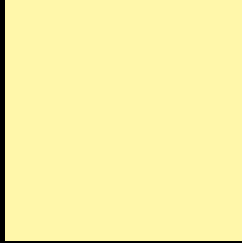
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color FFF7AA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

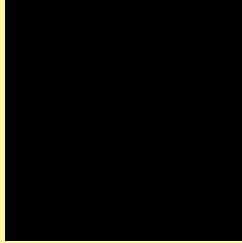
Any Text WCAG AA ✓ Pass

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 FFF7AA Background



This preview shows how black text looks on a background with the Hex color FFF7AA.

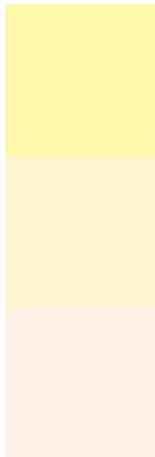


This preview shows how white text looks on a background with the Hex color FFF7AA.

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



Original Color
FFF7AA

Protanopia
FFF4D0

Deuteranopia
FFF2E7



Tritanopia
FFF0FA

Trichromacy



Original Color
FFF7AA



Protanomaly
FFF5C2



Deuteranomaly
FFF4D1

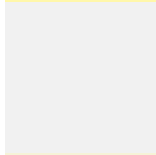


Tritanomaly
FFF3DD

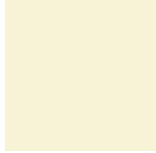
Monochromacy



Original Color
FFF7AA



Achromatopsia
F1F1F1



Achromatomaly
F6F3D7

CSS Examples

Text

The CSS property to change the color of the text to Hex FFF7AA 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 #FFF7AA looks like.

```
.text, #text, p{  
  color:#FFF7AA  
}
```

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 #FFF7AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFF7AA
}
```

Border

The CSS property to change the border of an element to Hex FFF7AA 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
#FFF7AA }
```

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

```
.border{ border-color:#FFF7AA }
```

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

Here you see how a box with a 4 pixel #FFF7AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFF7AA; -webkit-box-shadow:4px 4px  
4px 4px #FFF7AA; box-shadow:4px 4px 4px  
4px #FFF7AA }
```

Background

The CSS property to change the background color of an element to Hex FFF7AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFF7AA }
```

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

```
.background{ background-color:#FFF7AA }
```

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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