

# Converting Colors

Hex(FFFFA7)

Have a look what the booklet for  
Hex(FFFA7) contains.

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# **Color**

**Hex(FFFA7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFFA7
RGB	255, 255, 167
RGB Percent	100%, 100%, 65%
CMY	0.0000, 0.0000, 0.3451
CMYK	0.00, 0.00, 0.35, 0.00
HSL	60°, 100%, 83%
HSV	60°, 35%, 100%
XYZ	83.9751, 95.5700, 50.5801
YIQ	244.9680, 28.2480, -27.3680

# Conversions

## Conversions Part 2

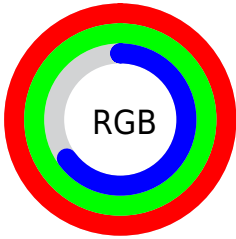
<b>Format</b>	<b>Color</b>
<b>RYB</b>	167, 255, 167
Decimal	16777127
CIELab	98.26, -12.73, 42.11
CIELCh	98, 43.988, 106.817
Yxy	95.5700, 0.3649, 0.4153
Android (android.graphics.Color)	4294967207 (0xFFFFFFFFA7)
YUV	244.9680, -38.4382, 8.7981
Hunter-Lab	97.7599, -17.7497, 37.7558

# Details

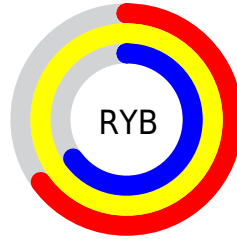
The Hex color **FFFFA7** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **A7A7FF**, and the grayscale version is **F5F5F5**.

A 20% lighter version of the original color is **FFFFDF**, and **C5C672** is the 20% darker color. If you saturate the color by 10%, you get **FFFF8E**, and if you desaturate by 10%, it is **FFFC1**.

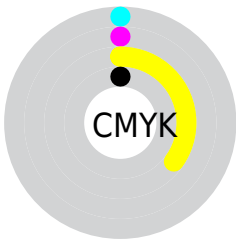
# Distribution



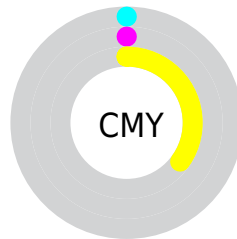
- Red (100%)
- Green (100%)
- Blue (65%)



- Red (65%)
- Yellow (100%)
- Blue (65%)



- Cyan (0%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFFFA7 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 FFFFA7 by changing the saturation by 10% instead.



 FFFFA7

 FFFFA7

FFFFFF

 E2E28C

 FFFFDF

 C5C672

 FFFFFC

 A9AB58

 8E913F

 737726

 595E0B

 404700

 283100

 0D1C00

 FFFFA7

 FFFFA7

 FFFF8E

 FFFFC1

 FFFF74

 FFFFDA

 FFFF5B

 FFFFF4

 FFFF41

FFFFFF

 FFFF28

 FFFF0E

 FFFF00

# Harmonies

## Analogous

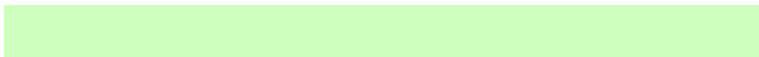
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF1A7



FFFA7



CEFFBE

# Triad

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



FFFA7



6CFFF



FFDCFF

# Complementary

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



FFFFA7



A7A7FF

# 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.



FFE7FF



FFFFA7



A2FFFF

# Square

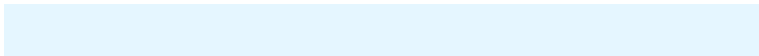
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFFFA7



6EFFFF



E5F6FF



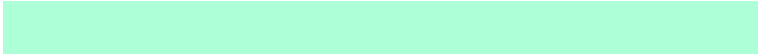
FFDAE3

# Rectangle

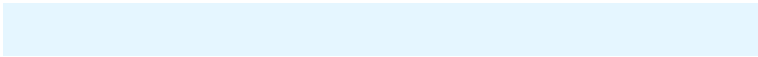
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFFFA7



ACFFD7



E5F6FF



FFDEFF



# Sweetspot

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



FFFFA7



FFFFE6



FFA7A7



808070



000000



808080



# Same Dimension

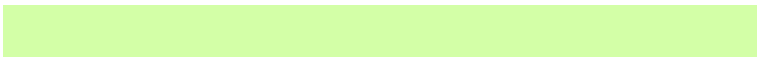
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FFFA7



FFFF96



D3FFA7



808073



BFBF00



404000



# Inverse Universe

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



A7A7FF



9696FF



D3A7FF



737380



0000BF

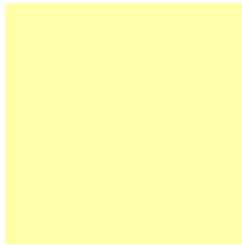


000040



# Previews

## White Background



This preview shows how the Hex color FFFFA7 looks on a white background.

## Color Contrast Check

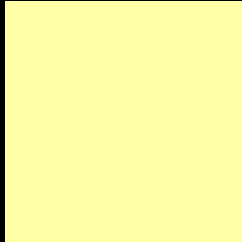
Large Text (above 18pt) WCAG AA × Fail

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 FFFFA7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

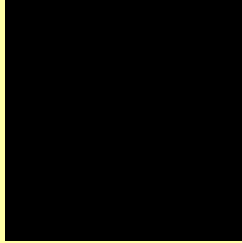
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FFFFA7 Background



This preview shows how black text looks on a background with the Hex color FFFFA7.



This preview shows how white text looks on a background with the Hex color FFFFA7.

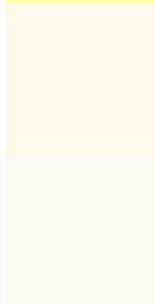
# Color Blindness Simulation

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**  
FFFFA7



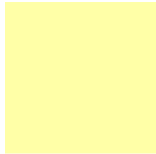
**Protanopia**  
FFFAEA

**Deuteranopia**  
FFF9F4



**Tritanopia**  
FFF8FE

# Trichromacy



**Original Color**  
FFFFA7



**Protanomaly**  
FFFC D2

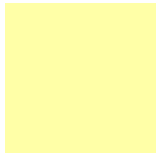


**Deuteranomaly**  
FFFB D8

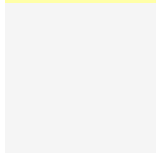


**Tritanomaly**  
FFFB DE

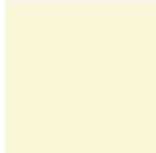
# Monochromacy



**Original Color**  
FFFFA7



**Achromatopsia**  
F5F5F5



**Achromatomaly**  
F9F9D9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFFFA7 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 #FFFA7 looks like.

```
.text, #text, p{  
    color:#FFFA7  
}
```

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 #FFFFA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFFFA7
}
```

## Border

The CSS property to change the border of an element to Hex FFFFA7 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
#FFFFA7 }
```

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

```
.border{ border-color:#FFFFA7 }
```

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

Here you see how a box with a 4 pixel #FFFFA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFFFA7; -webkit-box-shadow:4px 4px  
4px 4px #FFFFA7; box-shadow:4px 4px 4px  
4px #FFFFA7 }
```

# Background

The CSS property to change the background color of an element to Hex FFFFA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFFFA7 }
```

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

```
.background{ background-color:#FFFFA7 }
```

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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