

# Converting Colors

Hex(FFFF9E)

Have a look what the booklet for  
Hex(FFFF9E) contains.

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**Color**

**Hex(FFFF9E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFF9E
RGB	255, 255, 158
RGB Percent	100%, 100%, 62%
CMY	0.0000, 0.0000, 0.3804
CMYK	0.00, 0.00, 0.38, 0.00
HSL	60°, 100%, 81%
HSV	60°, 38%, 100%
XYZ	83.1716, 95.2486, 46.3490
YIQ	243.9420, 31.1370, -30.1670

# Conversions

## Conversions Part 2

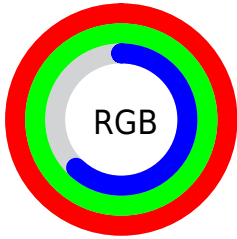
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 255, 158
Decimal	16777118
CIE <sub>Lab</sub>	98.13, -13.71, 46.33
CIE <sub>LCh</sub>	98, 48.317, 106.483
Yxy	95.2486, 0.3700, 0.4238
Android (android.graphics.Color)	4294967198 (0xFFFFFFFF9E)
YUV	243.9420, -42.3694, 9.6979
Hunter-Lab	97.5954, -18.6729, 40.1594

# Details

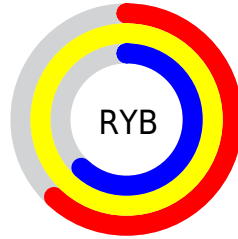
The Hex color **FFFF9E** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **9E9EFF**, and the grayscale version is **F4F4F4**.

A 20% lighter version of the original color is **FFFFD6**, and **C5C669** is the 20% darker color. If you saturate the color by 10%, you get **FFFF84**, and if you desaturate by 10%, it is **FFFFB8**.

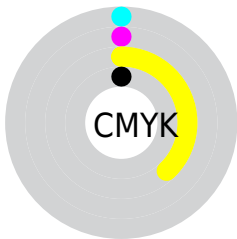
# Distribution



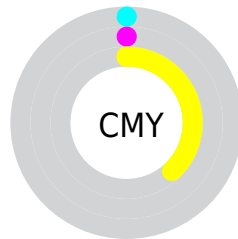
- Red (100%)
- Green (100%)
- Blue (62%)



- Red (62%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFFF9E 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 FFFF9E by changing the saturation by 10% instead.



 FFFF9E

 FFFF9E

FFFFFF

 E2E283

 FFFFD6

 C5C669

 FFFFF3

 A9AB4F

 8D9136

 72771C

 585E00

 3F4700

 263100

 0A1C00

 FFFF9E

 FFFF9E

 FFFF84

 FFFF88

 FFFF6B

 FFFFD1

 FFFF52

 FFFFEB

 FFFF38

FFFFFF

 FFFF1F

 FFFF05

 FFFF00

# Harmonies

## Analogous

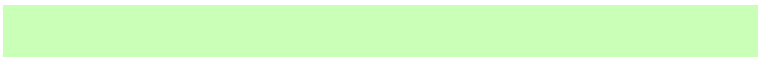
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEF9E



FFFF9E



CAFFB7

# Triad

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



FFFF9E



4AFFFF



FFD8FF

# Complementary

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



FFFF9E



9E9EFF

# 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.



FFE4FF



FFFF9E



92FFFF

# Square

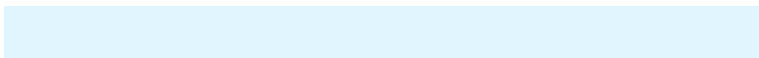
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFFF9E



52FFFF



E0F5FF



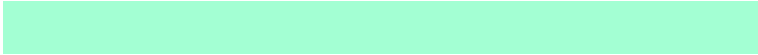
FFD6E1

# Rectangle

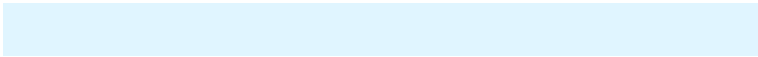
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFFF9E



A3FFD3



E0F5FF



FFDBFF



# Sweetspot

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



FFFF9E



FFFFE3



FF9E9E



80806F



000000



808080



# Same Dimension

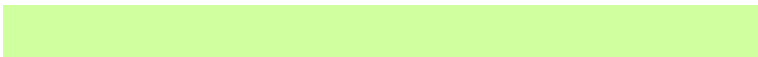
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FFFF9E



FFFF8A



CFFF9E



808073



BFBF00



404000



# Inverse Universe

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



9E9EFF



8A8AFF



CF9EFF



737380



0000BF

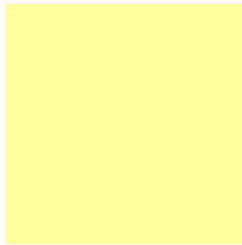


000040



# Previews

## White Background



This preview shows how the Hex color FFFF9E looks on a white background.

## Color Contrast Check

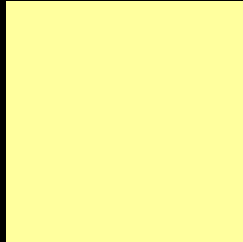
Large Text (above 18pt) WCAG AA × Fail

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 FFFF9E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

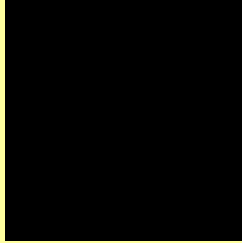
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FFFF9E Background



This preview shows how black text looks on a background with the Hex color FFFF9E.



This preview shows how white text looks on a background with the Hex color FFFF9E.

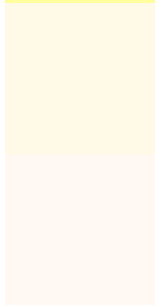
# Color Blindness Simulation

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**  
FFFF9E



**Protanopia**  
FFFAE8

**Deuteranopia**  
FFF8F3

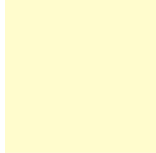


**Tritanopia**  
FFF7FD

# Trichromacy



**Original Color**  
FFFF9E



**Protanomaly**  
FFFCCD

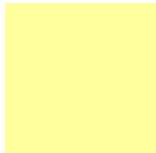


**Deuteranomaly**  
FFBBD4

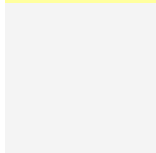


**Tritanomaly**  
FFFADA

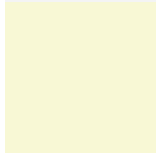
# Monochromacy



**Original Color**  
FFFF9E



**Achromatopsia**  
F4F4F4



**Achromatomaly**  
F8F8D5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFFF9E 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 #FFFF9E looks like.

```
.text, #text, p{  
    color:#FFFF9E  
}
```

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 #FFFF9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFFF9E
}
```

## Border

The CSS property to change the border of an element to Hex FFFF9E 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
#FFFF9E }
```

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

```
.border{ border-color:#FFFF9E }
```

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

Here you see how a box with a 4 pixel #FFFF9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFFF9E; -webkit-box-shadow:4px 4px  
4px 4px #FFFF9E; box-shadow:4px 4px 4px  
4px #FFFF9E }
```

# Background

The CSS property to change the background color of an element to Hex FFFF9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFFF9E }
```

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

```
.background{ background-color:#FFFF9E }
```

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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