

# Converting Colors

Hex(FFFE00)

Have a look what the booklet for  
Hex(FFFE00) contains.

<b>Hex(FFFE00)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(FFFE00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFE00
RGB	255, 254, 192
RGB Percent	100%, 100%, 75%
CMY	0.0000, 0.0039, 0.2471
CMYK	0.00, 0.00, 0.25, 0.00
HSL	59°, 100%, 88%
HSV	59°, 25%, 100%
XYZ	86.1962, 95.9494, 63.8462
YIQ	247.2310, 20.4980, -19.0700

# Conversions

## Conversions Part 2

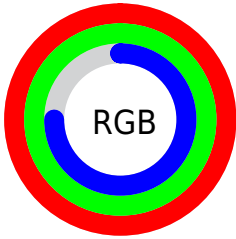
Format	Color
R <sub>Y</sub> B	193, 255, 192
Decimal	16776896
CIE Lab	98.41, -9.18, 29.86
CIE LCh	98, 31.243, 107.095
Yxy	95.9494, 0.3504, 0.3901
Android (android.graphics.Color)	4294966976 (0xFFFFFEC0)
YUV	247.2310, -27.2289, 6.8134
Hunter-Lab	97.9538, -14.3447, 29.9224

# Details

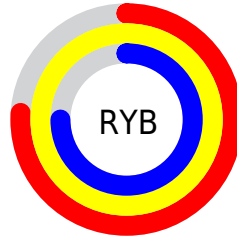
The Hex color **FFFE00** is a light color, and the websafe version is hex **FFFF00**. A complement of this color would be **0000FF**, and the grayscale version is **F7F7F7**.

A 20% lighter version of the original color is **FFFF99**, and **C6C58A** is the 20% darker color. If you saturate the color by 10%, you get **FFFEA7**, and if you desaturate by 10%, it is **FFFEDA**.

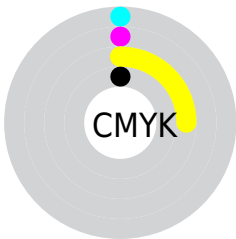
# Distribution



- Red (100%)
- Green (100%)
- Blue (75%)



- Red (76%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFFEC0 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 FFFEC0 by changing the saturation by 10% instead.



 FFFEC0

 FFFEC0

FFFFFF

 E2E1A5

 FFFFF9

 C6C58A

 AAAA70


 8F9057

 75763F

 5B5E28

 434611

 2C3000

 141B00

 #FFFEC0

 #FFFEC0

 #FFFEA7

 #FFFEDA

 #FFFD8D

 #FFFFF3

 #FFFD74

#FFFFFF

 #FFFC5A

 #FFFC41

 #FFFC27

 #FFFB0E

 #FFFB00

# Harmonies

## Analogous

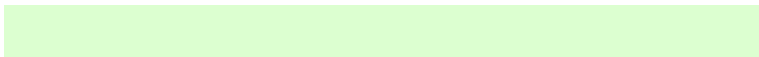
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF4C0



FFFE00



DCFFD0

# Triad

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



FFFE00



A8FFFF



FFE6FF

# Complementary

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



FFFE00



0000FF

# 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.



FFEDFF



FFFE00



00FFFF

# Square

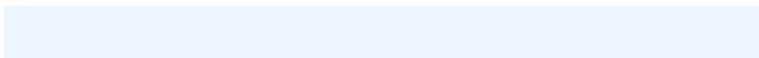
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



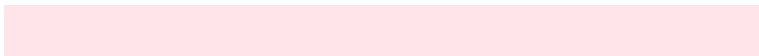
FFFE00



A5FFFF



EEF7FF



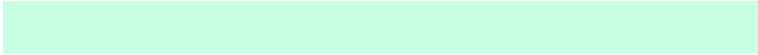
FFE5EA

# Rectangle

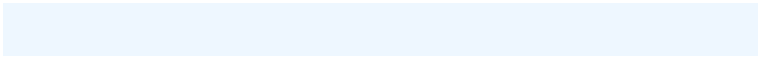
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFEC0



C6FFE2



EEF7FF



FFE8FF



# Sweetspot

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



FFFE00



FFFFE0



FFC0C1



807F75



000000



808080



# Same Dimension

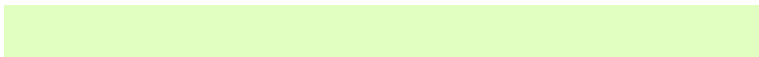
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FFFE00



FFFE00



E1FF00



807F73



BFBC00



403F00



# Inverse Universe

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



C0C1FF



B3B4FF



DEC0FF



737380



0003BF

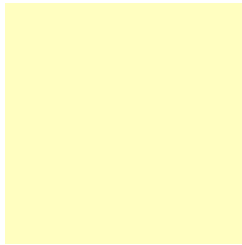


000140



# Previews

## White Background



This preview shows how the Hex color #FFEC00 looks on a white background.

## Color Contrast Check

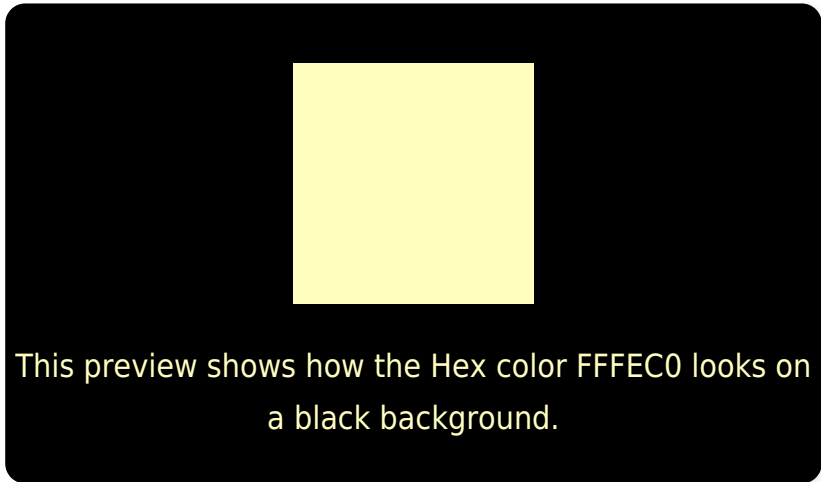
Large Text (above 18pt) WCAG AA × Fail

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

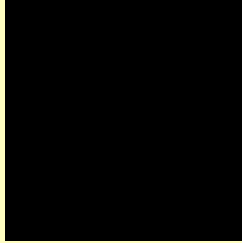
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FFE0C0 Background



This preview shows how black text looks on a background with the Hex color FFE0C0.



This preview shows how white text looks on a background with the Hex color FFE0C0.

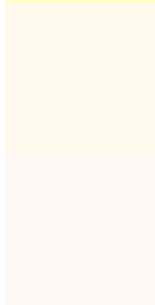
# Color Blindness Simulation

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**  
FFFE00



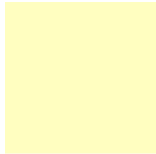
**Protanopia**  
FFFAED

**Deuteranopia**  
FFF9F6



**Tritanopia**  
FFF8FF

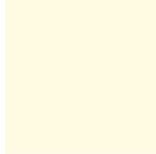
# Trichromacy



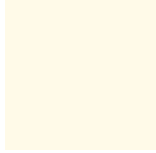
**Original Color**  
FFFE00



**Protanomaly**  
FFFBDD

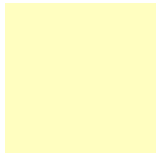


**Deuteranomaly**  
FFFB22

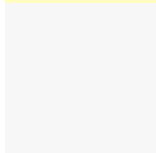


**Tritanomaly**  
FFFAE8

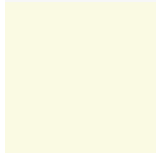
# Monochromacy



**Original Color**  
FFFE00



**Achromatopsia**  
F7F7F7



**Achromatomaly**  
FAFAE3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFFEC0 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 #FFFE00 looks like.

```
.text, #text, p{  
    color:#FFFE00  
}
```

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 #FFFE00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFFE00
}
```

## Border

The CSS property to change the border of an element to Hex FFE000 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
#FFFE00 }
```

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

```
.border{ border-color:#FFFE00 }
```

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

Here you see how a box with a 4 pixel #FFFE00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFFE00; -webkit-box-shadow:4px 4px  
4px 4px #FFFE00; box-shadow:4px 4px 4px  
4px #FFFE00 }
```

# Background

The CSS property to change the background color of an element to Hex FFFEC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFFE00 }
```

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

```
.background{ background-color:#FFFE00 }
```

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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