

# Converting Colors

Hex(CFFA05)

Have a look what the booklet for  
Hex(CFFA05) contains.

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**Color**

**Hex(CFFA05)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFFA05
RGB	207, 250, 5
RGB Percent	81%, 98%, 2%
CMY	0.1882, 0.0196, 0.9804
CMYK	0.17, 0.00, 0.98, 0.02
HSL	71°, 96%, 50%
HSV	71°, 98%, 98%
XYZ	59.9451, 81.6476, 12.7437
YIQ	209.2130, 53.0170, -85.3110

# Conversions

## Conversions Part 2

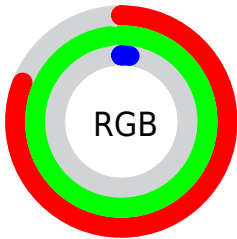
Format	Color
<b>RYB</b>	5, 250, 48
Decimal	13629957
CIELab	92.42, -38.54, 89.10
CIELCh	92, 97.075, 113.389
Yxy	81.6476, 0.3884, 0.5290
Android (android.graphics.Color)	4291820037 (0xFFCFFA05)
YUV	209.2130, -100.6770, -1.9408
Hunter-Lab	90.3590, -39.7096, 54.8894

# Details

The Hex color **CFFA05** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light saturated yellow. A complement of this color would be **3005FA**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFF5F**, and **93C100** is the 20% darker color. If you saturate the color by 10%, you get **CEFA00**, and if you desaturate by 10%, it is **D3FA1E**.

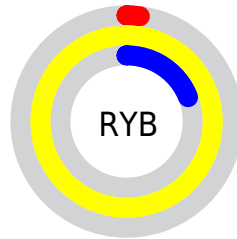
# Distribution



Red (81%)

Green (98%)

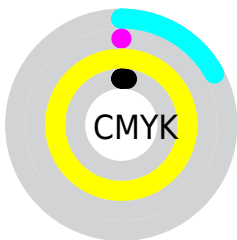
Blue (2%)



Red (2%)

Yellow (98%)

Blue (19%)

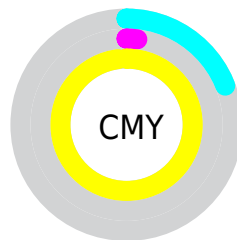


Cyan (17%)

Magenta (0%)

Yellow (98%)

Black (2%)



Cyan (19%)

Magenta (2%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CFFA05 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 CFFA05 by changing the saturation by 10% instead.



 CFFA05

 CFFA05

FFFFFF

 B1DD00

 FFFF5F

 93C100

 FFFF7E

 76A600

 FFFF9C

 598C00

 FFFFBA

 3A7200

 FFFFD8

 195900

 FFFFF6

 004100

 002B00

 001000

 CFFA05

 CFFA05

 CEFA00

 D3FA1E

 D8FA37

 DCFA50

 E1FA69

 E5FA82

 E9FA9B

 EEFAB4

 F2FACD

 F6FAE6

# Harmonies

## Analogous

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



FFDE00



CFFA05



42FF72

# Triad

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



CFFA05



00FFFF



FF8AFF

# Complementary

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



CFFA05



3005FA

# 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.



FFADFF



CFFA05



00FBFF

# Square

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



CFFA05



00FFFF



BDD9FF



FF90A5

# Rectangle

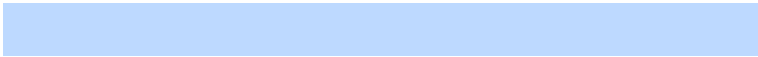
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CFFA05



00FFB0



BDD9FF



FF93FF

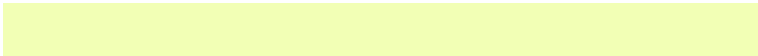


# Sweetspot

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



CFFA05



F2FFB5



FA2E05



788053



000000



808080



# Same Dimension

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



CFFA05



D2FF00



57FA05



7B7D70



9CBD00



323D00



# Inverse Universe

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



3005FA



2D00FF



A805FA



73707D



2100BD

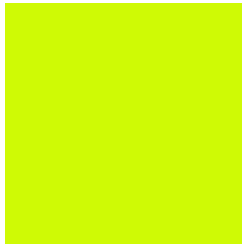


0B003D



# Previews

## White Background



This preview shows how the Hex color CFFA05 looks on a white background.

## Color Contrast Check

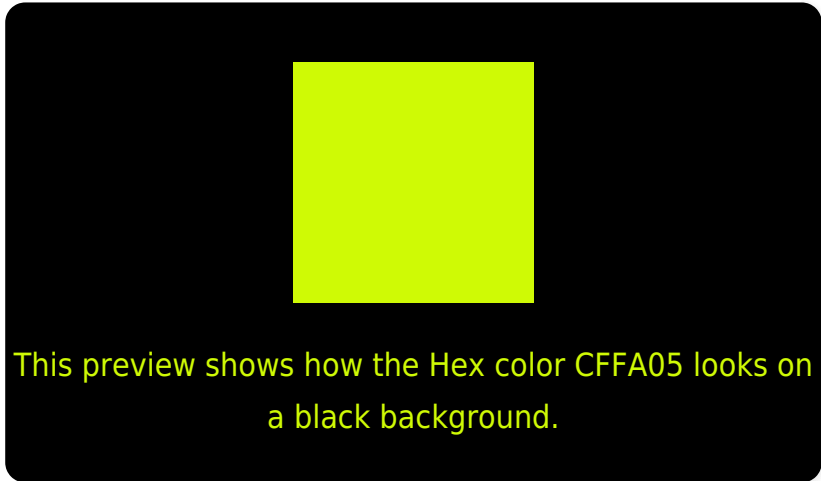
Large Text (above 18pt) WCAG AA × Fail

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 CFFA05 Background



This preview shows how black text looks on a background with the Hex color CFFA05.

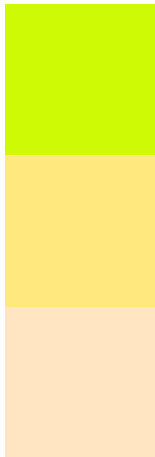


This preview shows how white text looks on a background with the Hex color CFFA05.

# 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**  
CFFA05

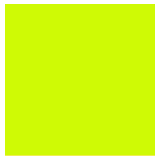
**Protanopia**  
FFE97F

**Deuteranopia**  
FFE5C2



**Tritanopia**  
E3E8FB

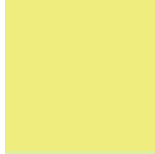
# Trichromacy



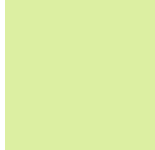
**Original Color**  
CFFA05



**Protanomaly**  
EEEF53



**Deuteranomaly**  
EEED7D



**Tritanomaly**  
DCEFA2

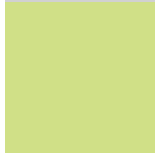
# Monochromacy



**Original Color**  
CFFA05



**Achromatopsia**  
D1D1D1



**Achromatomaly**  
D0E087

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CFFA05 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 #CFFA05 looks like.

```
.text, #text, p{  
    color:#CFFA05  
}
```

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 #CFFA05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFFA05
}
```

## Border

The CSS property to change the border of an element to Hex CFFA05 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
#CFFA05 }
```

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

```
.border{ border-color:#CFFA05 }
```

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

Here you see how a box with a 4 pixel #CFFA05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFFA05; -webkit-box-shadow:4px 4px  
4px 4px #CFFA05; box-shadow:4px 4px 4px  
4px #CFFA05 }
```

# Background

The CSS property to change the background color of an element to Hex CFFA05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFFA05 }
```

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

```
.background{ background-color:#CFFA05 }
```

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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