

# Converting Colors

Hex(CCFC0A)

Have a look what the booklet for  
Hex(CCFC0A) contains.

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# Color

Hex(CCFC0A)

# Conversions

## Conversions Part 1

Format	Color
Hex	CCFC0A
RGB	204, 252, 10
RGB Percent	80%, 99%, 4%
CMY	0.2000, 0.0118, 0.9608
CMYK	0.19, 0.00, 0.96, 0.01
HSL	72°, 98%, 51%
HSV	72°, 96%, 99%
XYZ	59.7670, 82.4801, 13.0574
YIQ	210.0600, 49.0740, -85.4380

# Conversions

## Conversions Part 2

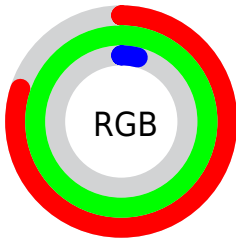
Format	Color
<a href="#">RYB</a>	<a href="#">10, 252, 58</a>
Decimal	<a href="#">13433866</a>
CIELab	<a href="#">92.79, -40.54, 88.94</a>
CIElCh	<a href="#">93, 97.742, 114.508</a>
Yxy	<a href="#">82.4801, 0.3848, 0.5311</a>
Android (android.graphics.Color)	<a href="#">4291623946 (0xFFCCFC0A)</a>
YUV	<a href="#">210.0600, -98.6296, -5.3146</a>
Hunter-Lab	<a href="#">90.8186, -41.4629, 55.0486</a>

# Details

The Hex color **CCFC0A** 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 **3A0AFC**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFF60**, and **90C300** is the 20% darker color. If you saturate the color by 10%, you get **CAFC00**, and if you desaturate by 10%, it is **D1FC23**.

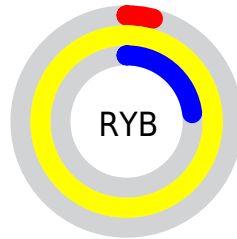
# Distribution



Red (80%)

Green (99%)

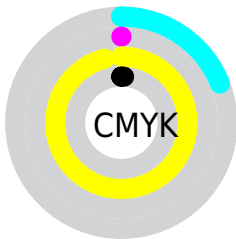
Blue (4%)



Red (4%)

Yellow (99%)

Blue (23%)

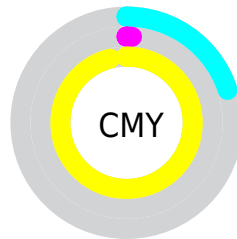


Cyan (19%)

Magenta (0%)

Yellow (96%)

Black (1%)



Cyan (20%)

Magenta (1%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCFC0A 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 CCFC0A by changing the saturation by 10% instead.



 CCFC0A

 CCFC0A

FFFFFF

 AEDF00

 FFFF60

 90C300

 FFFF7F

 73A800

 FFFF9D

 558D00

 FFFFBB

 367400

 FFFFD9

 125B00

 FFFFF8

 004200

 002C00

 001100

 CCFC0A

 CCFC0A

 CAFC00

 D1FC23

 D6FC3C

 DBFC56

 E0FC6F

 E5FC88

 EAFCA1

 EFFCBA

 F4FCD4

 F9FCED

# Harmonies

## Analogous

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



FFE000



CCFC0A



34FF75

# Triad

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



CCFC0A



00FFFF



FF8AFF

# Complementary

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



CCFC0A



3A0AFC

# 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.



FFACFF



CCFC0A



00FBFF

# Square

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



CCFC0A



00FFFF



C5D9FF



FF92A2

# Rectangle

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



CCFC0A



00FFB5



C5D9FF



FF92FF

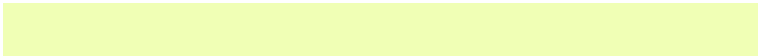


# Sweetspot

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



CCFC0A



F0FFB5



FC360A



778053



000000



808080



# Same Dimension

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



CCFC0A



CCFF00



57FC0A



7A7D70



97BD00



313D00



# Inverse Universe

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



3A0AFC



3300FF



AF0AFC



73707D



2500BD

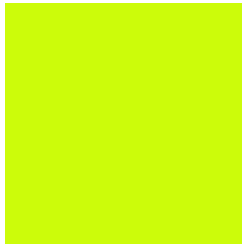


0C003D



# Previews

## White Background



This preview shows how the Hex color CCFC0A looks on a white background.

## Color Contrast Check

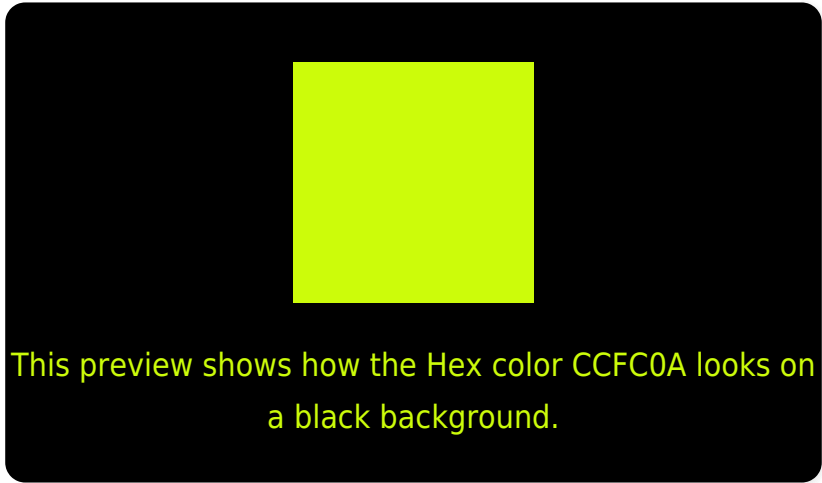
Large Text (above 18pt) WCAG AA × Fail

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 CCFC0A Background



This preview shows how black text looks on a background with the Hex color CCFC0A.

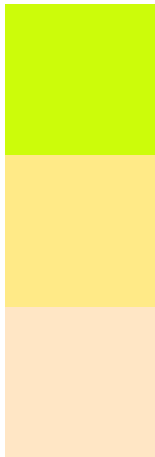


This preview shows how white text looks on a background with the Hex color CCFC0A.

# 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



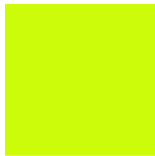
**Original Color**  
CCFC0A

**Protanopia**  
FFEA87

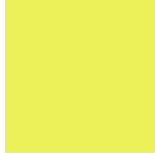
**Deuteranopia**  
FFE6C5



# Trichromacy



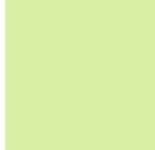
**Original Color**  
CCFC0A



**Protanomaly**  
ECF15A



**Deuteranomaly**  
ECEE81

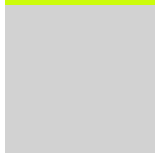


**Tritanomaly**  
D9F1A5

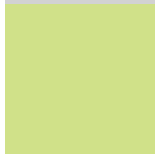
# Monochromacy



**Original Color**  
CCFC0A



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
D0E189

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCFC0A 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 #CCFC0A looks like.

```
.text, #text, p{  
    color:#CCFC0A  
}
```

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 #CCFC0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCFC0A
}
```

## Border

The CSS property to change the border of an element to Hex CCFC0A 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
#CCFC0A }
```

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

```
.border{ border-color:#CCFC0A }
```

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

Here you see how a box with a 4 pixel #CCFC0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCFC0A; -webkit-box-shadow:4px 4px  
4px 4px #CCFC0A; box-shadow:4px 4px 4px  
4px #CCFC0A }
```

# Background

The CSS property to change the background color of an element to Hex CCFC0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCFC0A }
```

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

```
.background{ background-color:#CCFC0A }
```

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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