

# Converting Colors

Hex(CFF395)

Have a look what the booklet for  
Hex(CFF395) contains.

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**Color**

**Hex(CFF395)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CFF395
RGB	207, 243, 149
RGB Percent	81%, 95%, 58%
CMY	0.1882, 0.0471, 0.4157
CMYK	0.15, 0.00, 0.39, 0.05
HSL	83°, 80%, 77%
HSV	83°, 39%, 95%
XYZ	63.2075, 79.5365, 40.4545
YIQ	221.5200, 8.7180, -36.8660

# Conversions

## Conversions Part 2

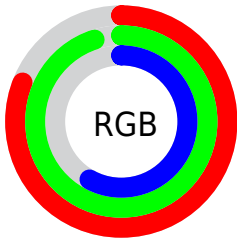
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 243, 185
Decimal	13628309
CIELab	91.48, -26.83, 41.52
CIElCh	91, 49.439, 122.870
Yxy	79.5365, 0.3450, 0.4342
Android (android.graphics.Color)	4291818389 (0xFFCFF395)
YUV	221.5200, -35.7524, -12.7340
Hunter-Lab	89.1832, -29.5610, 35.5337

# Details

The Hex color **CFF395** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B995F3**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFCC**, and **97BB61** is the 20% darker color. If you saturate the color by 10%, you get **C6F37D**, and if you desaturate by 10%, it is **D8F3AD**.

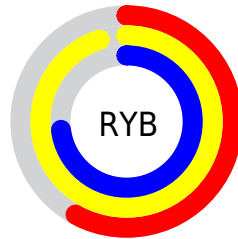
# Distribution



Red (81%)

Green (95%)

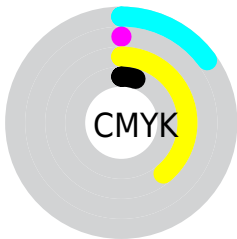
Blue (58%)



Red (58%)

Yellow (95%)

Blue (73%)

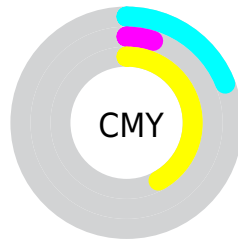


Cyan (15%)

Magenta (0%)

Yellow (39%)

Black (5%)



Cyan (19%)

Magenta (5%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CFF395 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 CFF395 by changing the saturation by 10% instead.



 CFF395

 CFF395

FFFFFF

 B3D77A

 FFFFCC

 97BB61

 FFFFEE9

 7CA047

 62852F

 486C14

 2F5300

 173C00

 002600

 000A00

 CFF395

 CFF395

 C6F37D

 D8F3AD

 BCF364

 E2F3C6

 B3F34C


 EBF3DE

 AAF334

 F4F3F6

 A0F31C

 FEF3FF

 97F303

 FFF3FF

 96F300

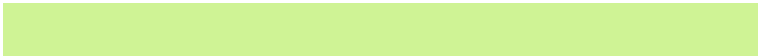
# Harmonies

## Analogous

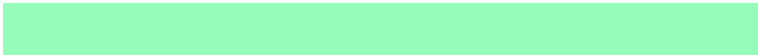
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE587



CFF395



95FCBA

# Triad

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



CFF395



4AF7FF



FFC1E4

# Complementary

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



CFF395



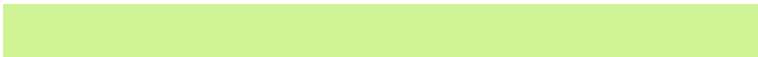
B995F3

# Split Complementary

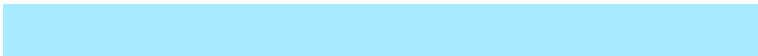
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC9FF



CFF395



A8EAFF

# Square

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



CFF395



00FEFF



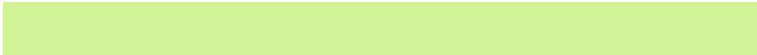
F2D9FF



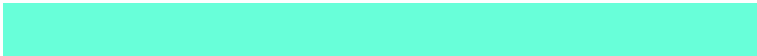
FFC6B5

# Rectangle

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



CFF395



68FFD9



F2D9FF

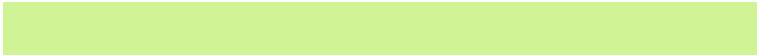


FFC2F4

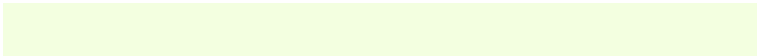


# Sweetspot

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



CFF395



F3FFE0



F3B795



79806E



000000



808080

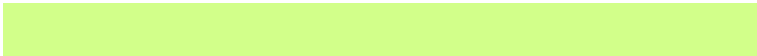


# Same Dimension

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



CFF395



D2FF8A



A2F395



767A6E



73BA00



243B00



# Inverse Universe

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



B995F3



B78AFF



E695F3



736E7A



4700BA

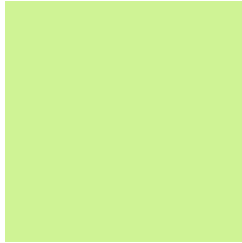


16003B



# Previews

## White Background



This preview shows how the Hex color CFF395 looks on a white background.

## Color Contrast Check

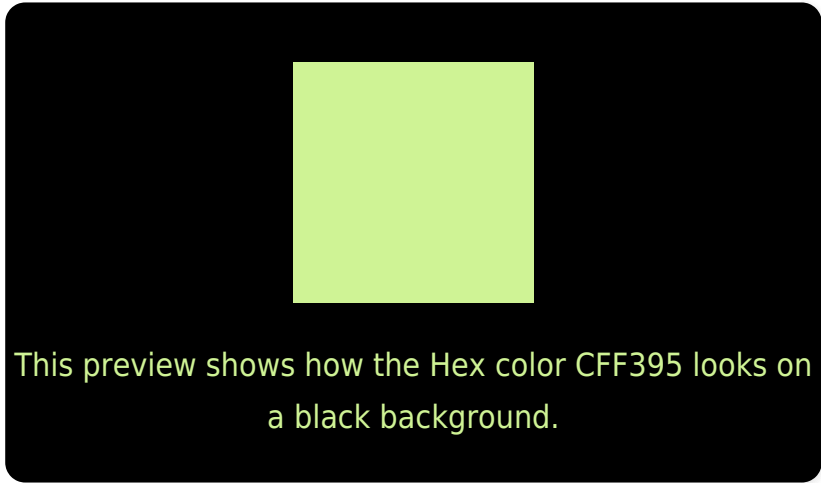
Large Text (above 18pt) WCAG AA × Fail

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 CFF395 Background



This preview shows how black text looks on a background with the Hex color CFF395.

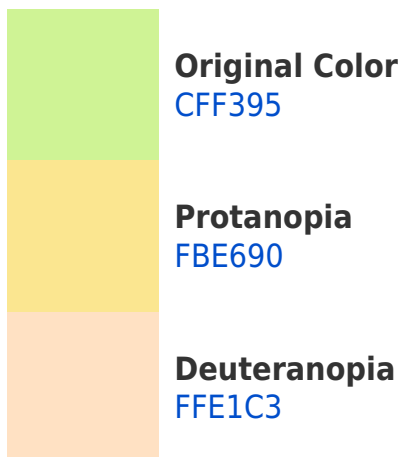


This preview shows how white text looks on a background with the Hex color CFF395.

# 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



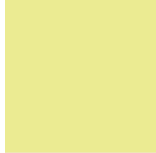


**Tritanopia**  
DDE7F9

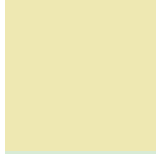
# Trichromacy



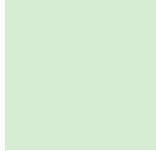
**Original Color**  
CFF395



**Protanomaly**  
EBEB92



**Deuteranomaly**  
EEE8B2

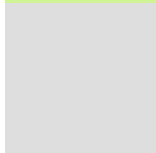


**Tritanomaly**  
D8EBD5

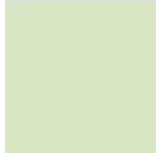
# Monochromacy



**Original Color**  
CFF395



**Achromatopsia**  
DEDEDE



**Achromatomaly**  
D9E6C3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CFF395 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 #CFF395 looks like.

```
.text, #text, p{  
    color:#CFF395  
}
```

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 #CFF395 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFF395
}
```

## Border

The CSS property to change the border of an element to Hex CFF395 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
#CFF395 }
```

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

```
.border{ border-color:#CFF395 }
```

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

Here you see how a box with a 4 pixel #CFF395 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFF395; -webkit-box-shadow:4px 4px  
4px 4px #CFF395; box-shadow:4px 4px 4px  
4px #CFF395 }
```

# Background

The CSS property to change the background color of an element to Hex CFF395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFF395 }
```

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

```
.background{ background-color:#CFF395 }
```

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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