

Converting Colors

Hex(CDFF39)

Have a look what the booklet for
Hex(CDFF39) contains.

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Color

Hex(CDFF39)

Conversions

Conversions Part 1

Format	Color
Hex	CDFE39
RGB	205, 255, 57
RGB Percent	80%, 100%, 22%
CMY	0.1961, 0.0000, 0.7765
CMYK	0.20, 0.00, 0.78, 0.00
HSL	75°, 100%, 61%
HSV	75°, 78%, 100%
XYZ	61.6754, 84.7945, 16.9872
YIQ	217.4780, 33.7580, -72.1780

Conversions

Conversions Part 2

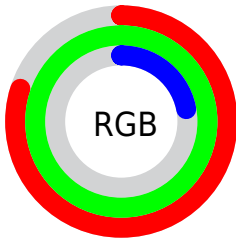
Format	Color
RYB	57, 255, 107
Decimal	13500217
CIELab	93.79, -40.38, 81.63
CIELCh	94, 91.074, 116.319
Yxy	84.7945, 0.3773, 0.5188
Android (android.graphics.Color)	4291690297 (0xFFCDFF39)
YUV	217.4780, -79.1157, -10.9432
Hunter-Lab	92.0840, -41.5924, 53.5212

Details

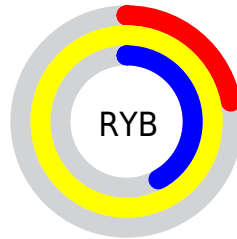
The Hex color **CDFF39** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **6B39FF**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFF78**, and **92C600** is the 20% darker color. If you saturate the color by 10%, you get **C7FF1F**, and if you desaturate by 10%, it is **D3FF52**.

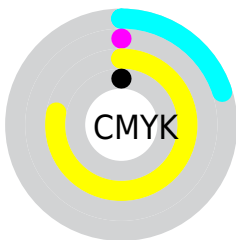
Distribution



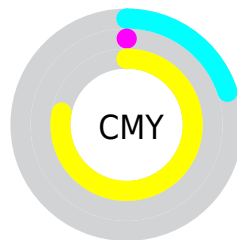
- Red (80%)
- Green (100%)
- Blue (22%)



- Red (22%)
- Yellow (100%)
- Blue (42%)



- Cyan (20%)
- Magenta (0%)
- Yellow (78%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDFF39 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 CDFF39 by changing the saturation by 10% instead.

 CDFF39

 CDFF39

FFFFFF

 AFE205

 FFFF78

 92C600

 FFFF95

 75AB00

 FFFFB2

 589000

 FFFF00

 3A7600

 FFFFEE

 175D00

 004500

 002E00

 001600

 CDFF39

 CDFF39

 C7FF1F

 D3FF52

 C0FF06

 DAFF6C

 BFFF00

 E0FF85

 E7FF9F

 EDFFB8

 F4FFD2

 FAFFEB

FFFFFF

Harmonies

Analogous

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



FFE51B



CDFF39



47FF86

Triad

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



CDF39



00FFF



FF97FC

Complementary

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



CDF339



6B39FF

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.



FFB3FF



CDF39



00BFF

Square

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



CDF39



00FFFF



D8DAFF



FFA0A5

Rectangle

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



CDF39



00FC1



D8DAFF



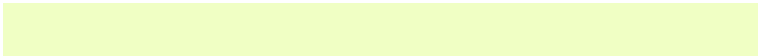
FF9DFF

Sweetspot

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



CDFE39



F0FFC4



FF6A39



76805C



000000



808080

Same Dimension

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



CDF39



C3FF12



6AFF39



7C8073



8FBF00



304000

Inverse Universe

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



6B39FF



4E12FF



CE39FF



767380



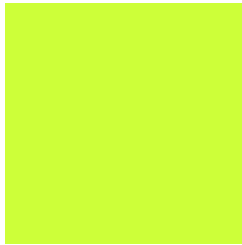
3000BF



100040

Previews

White Background



This preview shows how the Hex color CDFF39 looks on a white background.

Color Contrast Check

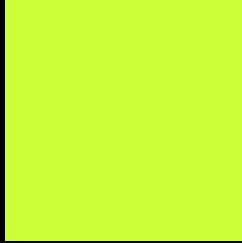
Large Text (above 18pt) WCAG AA × Fail

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 CDFF39 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 CDFF39 Background



This preview shows how black text looks on a background with the Hex color CDFF39.

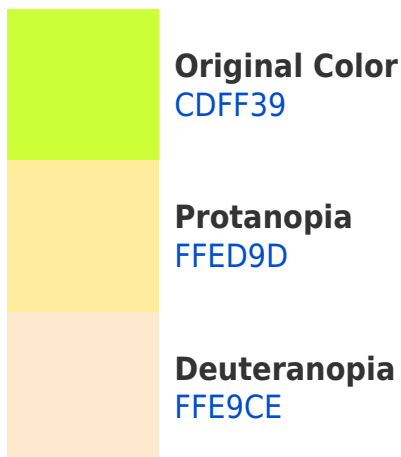


This preview shows how white text looks on a background with the Hex color CDFF39.

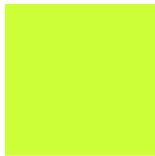
Color Blindness Simulation

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](#).

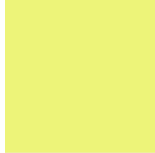
Dichromacy



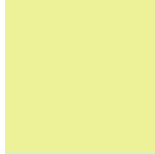
Trichromacy



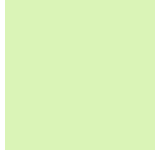
Original Color
CDFF39



Protanomaly
EDF479

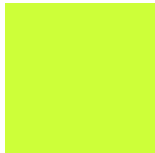


Deuteranomaly
EDF198

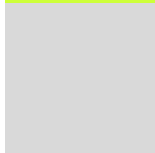


Tritanomaly
DAF4B7

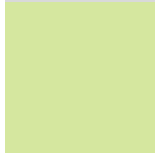
Monochromacy



Original Color
CDFF39



Achromatopsia
D9D9D9



Achromatomaly
D5E79F

CSS Examples

Text

The CSS property to change the color of the text to Hex CDFF39 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 #CDFF39 looks like.

```
.text, #text, p{  
    color:#CDFF39  
}
```

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 #CDFF39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDFF39
}
```

Border

The CSS property to change the border of an element to Hex CDFF39 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
#CDFF39 }
```

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

```
.border{ border-color:#CDFF39 }
```

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

Here you see how a box with a 4 pixel #CDFF39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDFF39; -webkit-box-shadow:4px 4px  
4px 4px #CDFF39; box-shadow:4px 4px 4px  
4px #CDFF39 }
```

Background

The CSS property to change the background color of an element to Hex CDFF39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDFF39 }
```

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

```
.background{ background-color:#CDFF39 }
```

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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