

Converting Colors

Hex(CDFF82)

Have a look what the booklet for
Hex(CDFF82) contains.

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Color

Hex(CDFF82)

Conversions

Conversions Part 1

Format	Color
Hex	CDFE82
RGB	205, 255, 130
RGB Percent	80%, 100%, 51%
CMY	0.1961, 0.0000, 0.4902
CMYK	0.20, 0.00, 0.49, 0.00
HSL	84°, 100%, 75%
HSV	84°, 49%, 100%
XYZ	64.9661, 86.1108, 34.3161
YIQ	225.8000, 10.3250, -49.4750

Conversions

Conversions Part 2

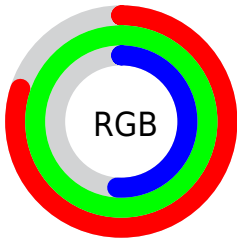
Format	Color
RYB	130, 255, 180
Decimal	13500290
CIELab	94.36, -35.25, 54.17
CIELCh	94, 64.629, 123.053
Yxy	86.1108, 0.3504, 0.4645
Android (android.graphics.Color)	4291690370 (0xFFCDDFF82)
YUV	225.8000, -47.2294, -18.2416
Hunter-Lab	92.7959, -37.4257, 43.0316

Details

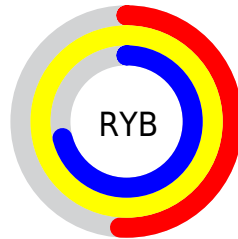
The Hex color **CDFF82** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B482FF**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFFB9**, and **94C64D** is the 20% darker color. If you saturate the color by 10%, you get **C3FF69**, and if you desaturate by 10%, it is **D7FF9B**.

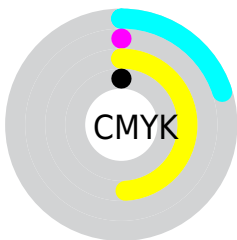
Distribution



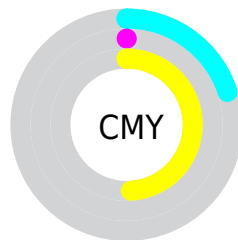
- Red (80%)
- Green (100%)
- Blue (51%)



- Red (51%)
- Yellow (100%)
- Blue (71%)



- Cyan (20%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDFE82 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 CDFE82 by changing the saturation by 10% instead.

 CDFF82

 CDFF82

FFFFFF

 B0E267

 FFFFB9

 94C64D

 FFFFD6

 79AB32

 FFFFF3

 5E9012

 437600

 275D00

 034500

 002E00

 001800

 CDFF82

 CDFF82

 C3FF69

 D7FF9B

 B9FF4F

 E1FFB5

 AEFF35


 ECFFCF

 A4FF1C

 F6FFE8

 9AFF02

FFFFFF

 99FF00

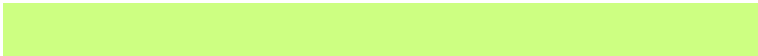
Harmonies

Analogous

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



FFED6E



CDFF82



7AFFB4

Triad

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



CDF82



00FFFF



FFBAEB

Complementary

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



CDF82



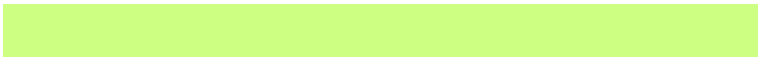
B482FF

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.



FFC5FF



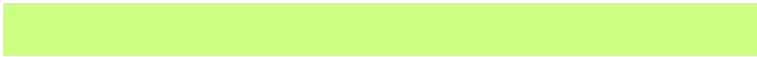
CDF82



8CF3FF

Square

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



CDF82



00FFFF



FCDCFF



FFC2AE

Rectangle

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



CDF82



00FFDE



FCDCFF



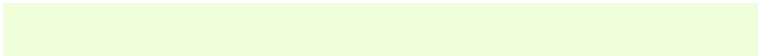
FFBCFF

Sweetspot

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



CDFF82



F0FFD9



FFB482



768069



000000



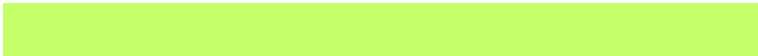
808080

Same Dimension

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



CDF82



C3FF69



8FFF82



7A8073



73BF00



264000

Inverse Universe

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



B482FF



A569FF



F382FF



787380



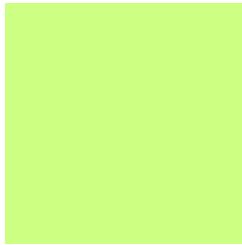
4C00BF



190040

Previews

White Background



This preview shows how the Hex color CDFF82 looks on a white background.

Color Contrast Check

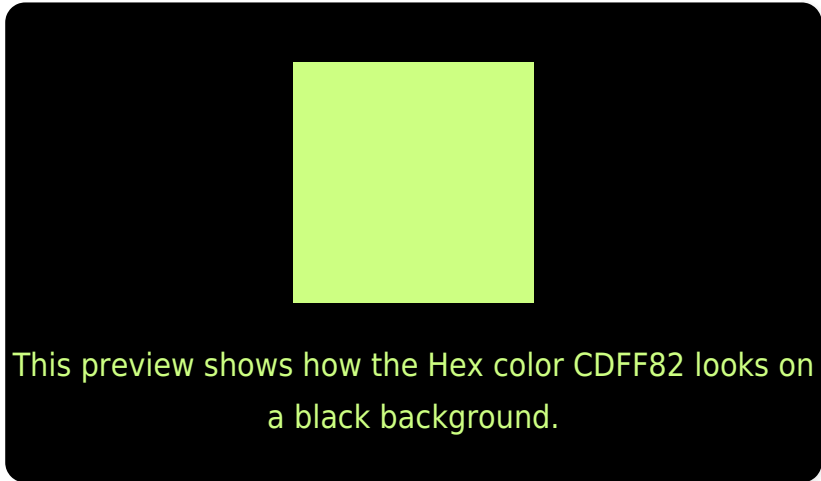
Large Text (above 18pt) WCAG AA × Fail

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 CDF82 Background



This preview shows how black text looks on a background with the Hex color CDF82.

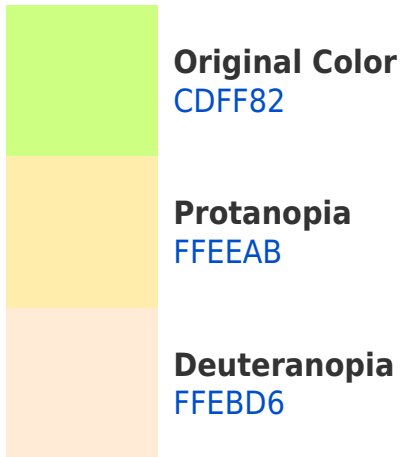


This preview shows how white text looks on a background with the Hex color CDF82.

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
E2F0FF

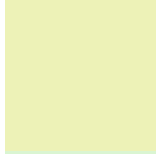
Trichromacy



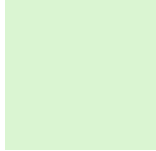
Original Color
CDFF82



Protanomaly
EDF49C

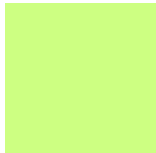


Deuteranomaly
EDF2B7

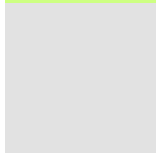


Tritanomaly
DAF5D2

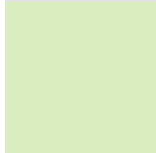
Monochromacy



Original Color
CDFF82



Achromatopsia
E2E2E2



Achromatomaly
DAEDBF

CSS Examples

Text

The CSS property to change the color of the text to Hex CDFF82 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 #CDFF82 looks like.

```
.text, #text, p{  
    color:#CDFF82  
}
```

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 #CDFF82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDFF82
}
```

Border

The CSS property to change the border of an element to Hex CDFF82 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
#CDFF82 }
```

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

```
.border{ border-color:#CDFF82 }
```

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

Here you see how a box with a 4 pixel #CDFF82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDFF82; -webkit-box-shadow:4px 4px  
4px 4px #CDFF82; box-shadow:4px 4px 4px  
4px #CDFF82 }
```

Background

The CSS property to change the background color of an element to Hex CDFF82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDFF82 }
```

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

```
.background{ background-color:#CDFF82 }
```

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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