

Converting Colors

Hex(CFF96D)

Have a look what the booklet for
Hex(CFF96D) contains.

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Color

Hex(CFF96D)

Conversions

Conversions Part 1

Format	Color
Hex	CFF96D
RGB	207, 249, 109
RGB Percent	81%, 98%, 43%
CMY	0.1882, 0.0235, 0.5725
CMYK	0.17, 0.00, 0.56, 0.02
HSL	78°, 92%, 70%
HSV	78°, 56%, 98%
XYZ	62.3681, 82.1209, 27.0318
YIQ	220.4820, 19.9080, -52.4440

Conversions

Conversions Part 2

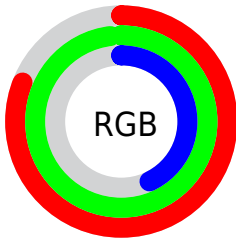
Format	Color
RYB	109, 249, 151
Decimal	13629805
CIELab	92.63, -33.74, 61.59
CIELCh	93, 70.225, 118.712
Yxy	82.1209, 0.3636, 0.4788
Android (android.graphics.Color)	4291819885 (0xFFCFF96D)
YUV	220.4820, -54.9606, -11.8237
Hunter-Lab	90.6206, -35.7363, 45.7484

Details

The Hex color **CFF96D** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **976DF9**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFA4**, and **96C035** is the 20% darker color. If you saturate the color by 10%, you get **C8F954**, and if you desaturate by 10%, it is **D6F986**.

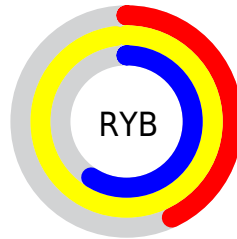
Distribution



Red (81%)

Green (98%)

Blue (43%)



Red (43%)

Yellow (98%)

Blue (59%)

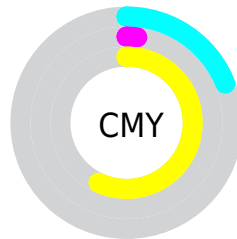


Cyan (17%)

Magenta (0%)

Yellow (56%)

Black (2%)



Cyan (19%)

Magenta (2%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color CFF96D 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 CFF96D by changing the saturation by 10% instead.

 CFF96D

 CFF96D

FFFFFF

 B2DC52

 FFFFA4

 96C035

 FFFFC1

 7AA513

 FFFFDE

 5E8B00

 FFFFFB

 437100

 285800

 034000

 002A00

 001100

 CFF96D

 CFF96D

 C8F954

 D6F986

 C0F93B

 DEF99F

 B9F922

 E5F9B8

 B1F909

 EDF9D1

 AEF900

 F4F9E9

 FCF9FF

 FFF9FF

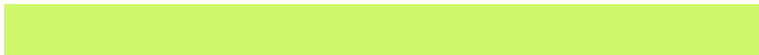
Harmonies

Analogous

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



FFE55C



CFF96D



76FFA1

Triad

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



CFF96D



00FFFF



FFAFF0

Complementary

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



CFF96D



976DF9

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.



FFBEFF



CFF96D



51F2FF

Square

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



CFF96D



00FFFF



E8D9FF



FFB6AD

Rectangle

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



CFF96D



00FFCD



E8D9FF



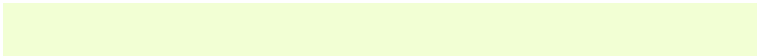
FFB2FF

Sweetspot

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



CFF96D



F2FFD4



F9976D



788066



000000



808080

Same Dimension

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



CFF96D



CCFF54



89F96D



797D70



84BD00



2B3D00

Inverse Universe

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



976DF9



8754FF



DD6DF9



74707D



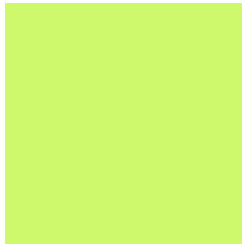
3900BD



12003D

Previews

White Background



This preview shows how the Hex color CFF96D looks on a white background.

Color Contrast Check

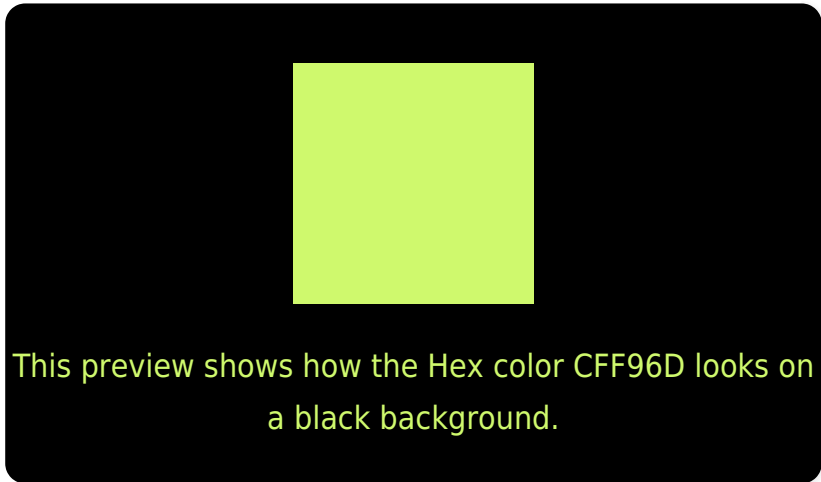
Large Text (above 18pt) WCAG AA × Fail

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 CFF96D Background



This preview shows how black text looks on a background with the Hex color CFF96D.

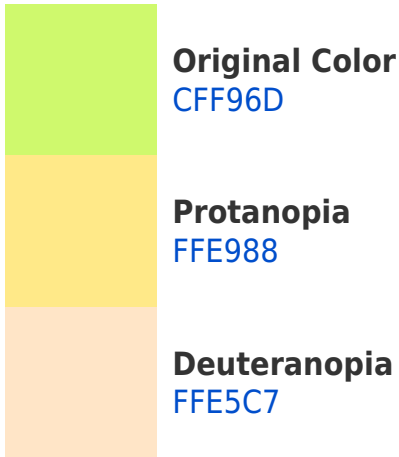


This preview shows how white text looks on a background with the Hex color CFF96D.

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](#).

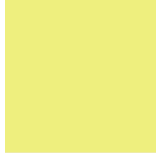
Dichromacy



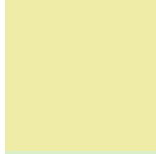
Trichromacy



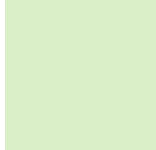
Original Color
CFF96D



Protanomaly
EEEF7E



Deuteranomaly
EECA6

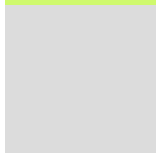


Tritanomaly
DAEFC8

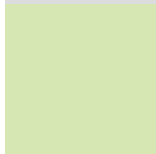
Monochromacy



Original Color
CFF96D



Achromatopsia
DCDCDC



Achromatomaly
D7E7B4

CSS Examples

Text

The CSS property to change the color of the text to Hex CFF96D 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 #CFF96D looks like.

```
.text, #text, p{  
    color:#CFF96D  
}
```

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 #CFF96D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFF96D
}
```

Border

The CSS property to change the border of an element to Hex CFF96D 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
#CFF96D }
```

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

```
.border{ border-color:#CFF96D }
```

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

Here you see how a box with a 4 pixel #CFF96D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFF96D; -webkit-box-shadow:4px 4px  
4px 4px #CFF96D; box-shadow:4px 4px 4px  
4px #CFF96D }
```

Background

The CSS property to change the background color of an element to Hex CFF96D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFF96D }
```

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

```
.background{ background-color:#CFF96D }
```

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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