

Converting Colors

Hex(D4F700)

Have a look what the booklet for
Hex(D4F700) contains.

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Color

Hex(D4F700)

Conversions

Conversions Part 1

Format	Color
Hex	D4F700
RGB	212, 247, 0
RGB Percent	83%, 97%, 0%
CMY	0.1686, 0.0314, 1.0000
CMYK	0.14, 0.00, 1.00, 0.03
HSL	69°, 100%, 48%
HSV	69°, 100%, 97%
XYZ	60.4121, 80.5186, 12.3576
YIQ	208.3770, 58.4270, -84.2370

Conversions

Conversions Part 2

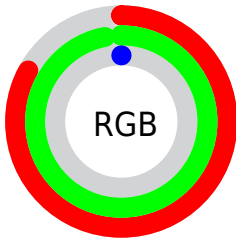
Format	Color
RYB	0, 247, 35
Decimal	13956864
CIELab	91.92, -35.26, 89.23
CIELCh	92, 95.946, 111.563
Yxy	80.5186, 0.3941, 0.5253
Android (android.graphics.Color)	4292146944 (0xFFD4F700)
YUV	208.3770, -102.7299, 3.1774
Hunter-Lab	89.7321, -36.8562, 54.6473

Details

The Hex color **D4F700** 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 **2300F7**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFF5D**, and **98BF00** is the 20% darker color. If you saturate the color by 10%, you get **D4F700**, and if you desaturate by 10%, it is **D8F719**.

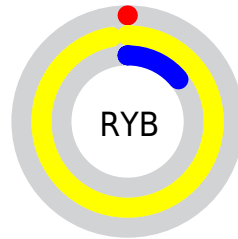
Distribution



Red (83%)

Green (97%)

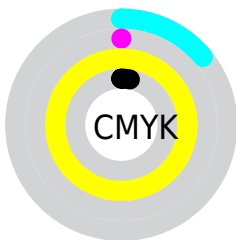
Blue (0%)



Red (0%)

Yellow (97%)

Blue (14%)

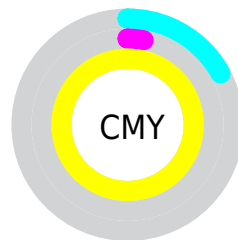


Cyan (14%)

Magenta (0%)

Yellow (100%)

Black (3%)



Cyan (17%)

Magenta (3%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D4F700 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 D4F700 by changing the saturation by 10% instead.

 D4F700

 D4F700

FFFFFF

 B6DA00

 FFFF5D

 98BF00

 FFFF7C

 7BA400


 FFFF9A

 5E8900

 FFFFB8

 407000

 FFFFD6

 215700

 FFFFF5

 003F00

 002900

 000D00

 D4F700

 D8F719

 DBF731

 DFF74A

 E2F763

 E6F77C

 E9F794

 EDF7AD

 F0F7C6

 F4F7DE

Harmonies

Analogous

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



FFDA00



D4F700



53FF6D

Triad

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



D4F700



00FFFF



FF8CFF

Complementary

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



D4F700



2300F7

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.



FFB0FF



D4F700



00FAFF

Square

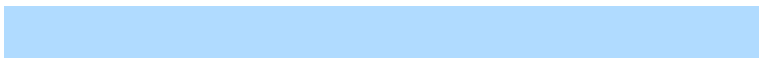
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D4F700



00FFFF



B0DBFF



FF8FAA

Rectangle

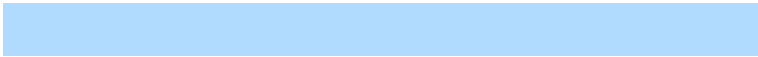
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D4F700



00FFAA



B0DBFF



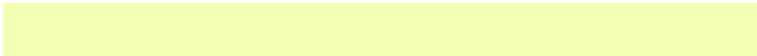
FF95FF

Sweetspot

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



D4F700



F4FFB3



F72100



798052



000000



808080

Same Dimension

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



D4F700



DBFF00



5BF700



797A6E



A0BA00



323B00

Inverse Universe

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



2300F7



2400FF



9C00F7



706E7A



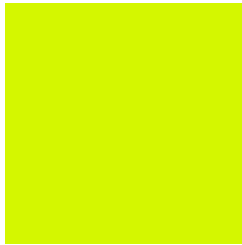
1A00BA



08003B

Previews

White Background



This preview shows how the Hex color D4F700 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 D4F700 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 D4F700 Background



This preview shows how black text looks on a background with the Hex color D4F700.

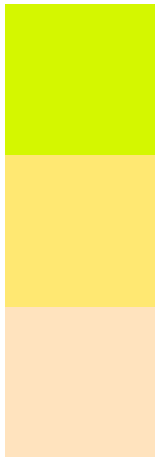


This preview shows how white text looks on a background with the Hex color D4F700.

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
D4F700

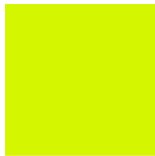
Protanopia
FFE872

Deuteranopia
FFE3BE



Tritanopia
E7E6F8

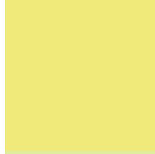
Trichromacy



Original Color
D4F700



Protanomaly
EFED49



Deuteranomaly
EFEA79



Tritanomaly
E0EC9E

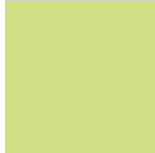
Monochromacy



Original Color
D4F700



Achromatopsia
D0D0D0



Achromatomaly
D1DE84

CSS Examples

Text

The CSS property to change the color of the text to Hex D4F700 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 #D4F700 looks like.

```
.text, #text, p{  
    color:#D4F700  
}
```

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 #D4F700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4F700
}
```

Border

The CSS property to change the border of an element to Hex D4F700 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
#D4F700 }
```

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

```
.border{ border-color:#D4F700 }
```

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

Here you see how a box with a 4 pixel #D4F700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4F700; -webkit-box-shadow:4px 4px  
4px 4px #D4F700; box-shadow:4px 4px 4px  
4px #D4F700 }
```

Background

The CSS property to change the background color of an element to Hex D4F700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4F700 }
```

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

```
.background{ background-color:#D4F700 }
```

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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