

# Converting Colors

Hex(D4FD90)

Have a look what the booklet for  
Hex(D4FD90) contains.

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# **Color**

**Hex(D4FD90)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4FD90
RGB	212, 253, 144
RGB Percent	83%, 99%, 56%
CMY	0.1686, 0.0078, 0.4353
CMYK	0.16, 0.00, 0.43, 0.01
HSL	83°, 96%, 78%
HSV	83°, 43%, 99%
XYZ	67.3107, 86.2612, 39.4880
YIQ	228.3150, 10.5530, -42.5910

# Conversions

## Conversions Part 2

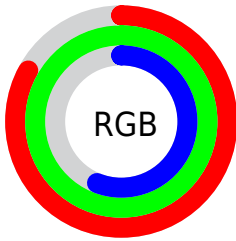
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 253, 185
Decimal	13958544
CIELab	94.42, -30.29, 47.76
CIElCh	94, 56.555, 122.383
Yxy	86.2612, 0.3487, 0.4468
Android (android.graphics.Color)	4292148624 (0xFFD4FD90)
YUV	228.3150, -41.5673, -14.3083
Hunter-Lab	92.8769, -33.1703, 39.8058

# Details

The Hex color **D4FD90** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B990FD**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFC7**, and **9CC45B** is the 20% darker color. If you saturate the color by 10%, you get **CAFD77**, and if you desaturate by 10%, it is **DEFDA9**.

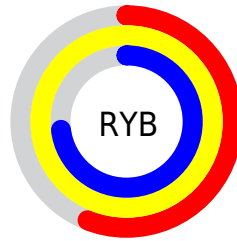
# Distribution



Red (83%)

Green (99%)

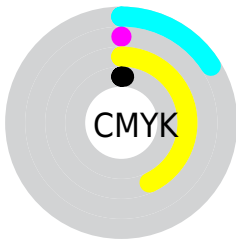
Blue (56%)



Red (56%)

Yellow (99%)

Blue (73%)

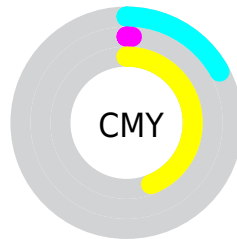


Cyan (16%)

Magenta (0%)

Yellow (43%)

Black (1%)



Cyan (17%)

Magenta (1%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4FD90 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 D4FD90 by changing the saturation by 10% instead.



 D4FD90

FFFFFF

 FFFFC7

 FFFFE4

 D4FD90


 B8E075

 9CC45B

 80A941

 668E27

 4B7507

 315C00

 174400

 002D00

 001800

 D4FD90

 D4FD90

 CAFD77

 DEFDA9

 C1FD5D

 E7FDC3

 B7FD44

 F1FDDC

 AEFD2B

 FAFDF5

 A4FD11

 FFFDFF

 9EFD00

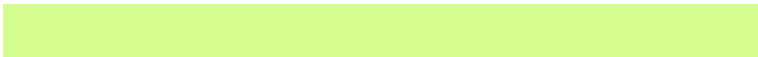
# Harmonies

## Analogous

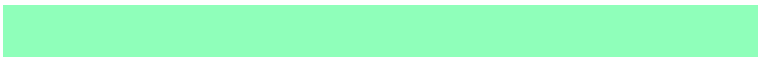
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFED80



D4FD90



8FFFBA

# Triad

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



D4FD90



00FFFF



FFC3ED

# Complementary

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



D4FD90



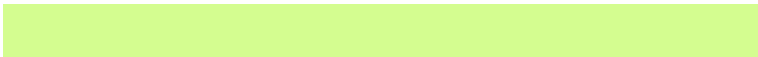
B990FD

# 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.



FFCCFF



D4FD90



A0F3FF

# Square

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



D4FD90



00FFFF



FADFFF



FFC9B7

# Rectangle

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



D4FD90



51FFDF



FADFFF



FFC4FF



# Sweetspot

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



D4FD90



F3FFDE



FDB890



78806B



000000

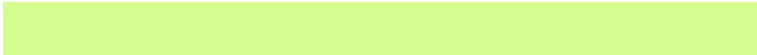


808080

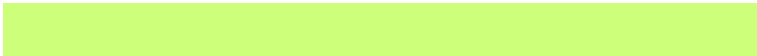


# Same Dimension

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



D4FD90



CDFF7A



9FFD90



7B8073



77BF00



284000



# Inverse Universe

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



B990FD



AC7AFF



EE90FD



787380



4800BF

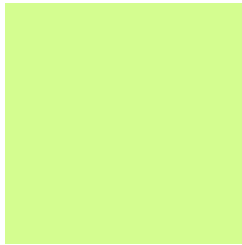


180040



# Previews

## White Background



This preview shows how the Hex color D4FD90 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 D4FD90 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 D4FD90 Background



This preview shows how black text looks on a background with the Hex color D4FD90.

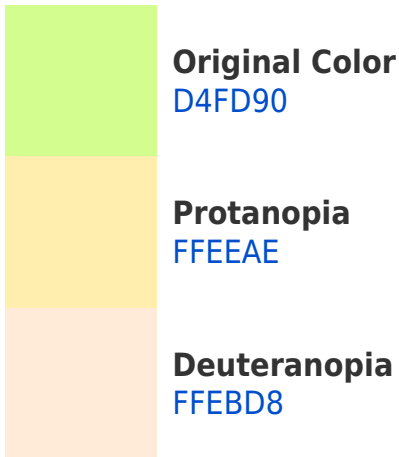


This preview shows how white text looks on a background with the Hex color D4FD90.

# 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



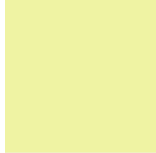


**Tritanopia**  
E6EFFF

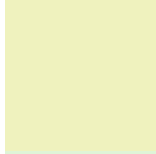
# Trichromacy



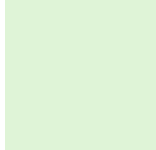
**Original Color**  
D4FD90



**Protanomaly**  
EFF3A3

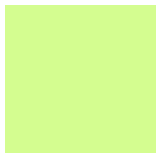


**Deuteranomaly**  
EFF2BE

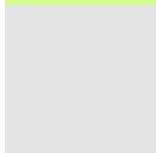


**Tritanomaly**  
DFF4D7

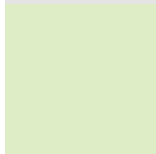
# Monochromacy



**Original Color**  
D4FD90



**Achromatopsia**  
E4E4E4



**Achromatomaly**  
DEEDC5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4FD90 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 #D4FD90 looks like.

```
.text, #text, p{  
    color:#D4FD90  
}
```

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 #D4FD90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4FD90
}
```

## Border

The CSS property to change the border of an element to Hex D4FD90 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
#D4FD90 }
```

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

```
.border{ border-color:#D4FD90 }
```

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

Here you see how a box with a 4 pixel #D4FD90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4FD90; -webkit-box-shadow:4px 4px  
4px 4px #D4FD90; box-shadow:4px 4px 4px  
4px #D4FD90 }
```

# Background

The CSS property to change the background color of an element to Hex D4FD90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4FD90 }
```

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

```
.background{ background-color:#D4FD90 }
```

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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