

# Converting Colors

Hex(D4FB95)

Have a look what the booklet for  
Hex(D4FB95) contains.

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# Color

Hex(D4FB95)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D4FB95
RGB	212, 251, 149
RGB Percent	83%, 98%, 58%
CMY	0.1686, 0.0157, 0.4157
CMYK	0.16, 0.00, 0.41, 0.02
HSL	83°, 93%, 78%
HSV	83°, 41%, 98%
XYZ	67.0734, 85.1613, 41.3364
YIQ	227.7110, 9.4980, -39.9900

# Conversions

## Conversions Part 2

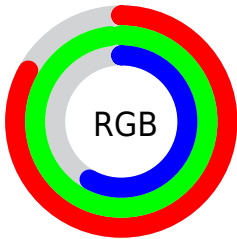
Format	Color
<a href="#">RYB</a>	<a href="#">149, 251, 188</a>
Decimal	<a href="#">13958037</a>
CIELab	<a href="#">93.95, -28.78, 44.76</a>
CIElCh	<a href="#">94, 53.212, 122.745</a>
Yxy	<a href="#">85.1613, 0.3465, 0.4399</a>
Android (android.graphics.Color)	<a href="#">4292148117</a> ( <a href="#">0xFFD4FB95</a> )
YUV	<a href="#">227.7110, -38.8045, -13.7785</a>
Hunter-Lab	<a href="#">92.2829, -31.7571, 38.0402</a>

# Details

The Hex color **D4FB95** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **BC95FB**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFCC**, and **9CC260** is the 20% darker color. If you saturate the color by 10%, you get **CAFB7C**, and if you desaturate by 10%, it is **DEFBAE**.

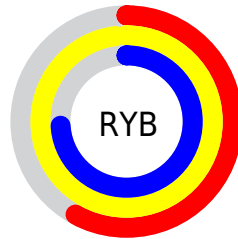
# Distribution



Red (83%)

Green (98%)

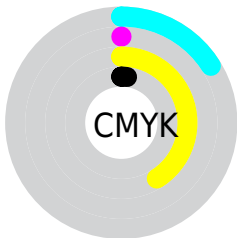
Blue (58%)



Red (58%)

Yellow (98%)

Blue (74%)

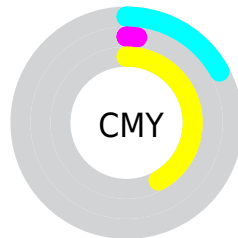


Cyan (16%)

Magenta (0%)

Yellow (41%)

Black (2%)



Cyan (17%)

Magenta (2%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4FB95 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 D4FB95 by changing the saturation by 10% instead.



 D4FB95

FFFFFF

 FFFFCC

 FFFFEE9

 D4FB95

 B8DE7A

 9CC260

 81A747

 668D2D

 4C7312

 325A00

 194200

 002C00

 001600

 D4FB95

 D4FB95

 CAFB7C

 DEFBAE

 C1FB63

 E7FBC7

 B7FB4A

 F1FBE0

 AEFB31

 FAFBF9

 A4FB18

 FFFBFF

 9BFB00

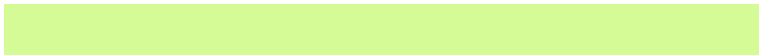
# Harmonies

## Analogous

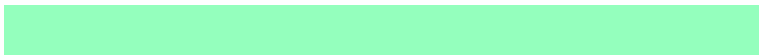
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEC85



D4FB95



94FFBD

# Triad

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



D4FB95



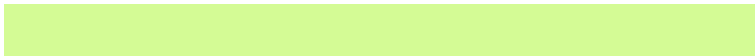
2EFFFF



FFC5EB

# Complementary

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



D4FB95



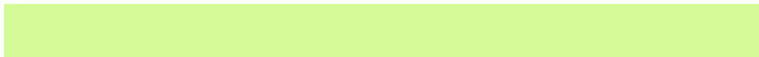
BC95FB

# 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.



FFCDFF



D4FB95



A7F1FF

# Square

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



D4FB95



00FFFF



F9DEFF



FFCAB9

# Rectangle

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



D4FB95



60FFDF



F9DEFF



FFC6FC

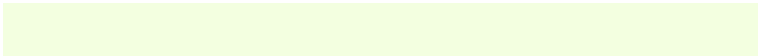


# Sweetspot

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



D4FB95



F3FFE0



FBBA95



79806E



000000

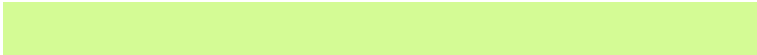


808080

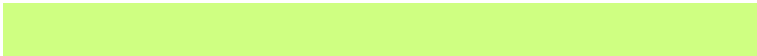


# Same Dimension

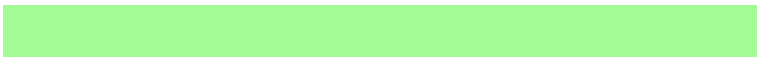
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D4FB95



CFFF82



A3FB95



787D70



75BD00



263D00



# Inverse Universe

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



BC95FB



B282FF



ED95FB



75707D



4800BD

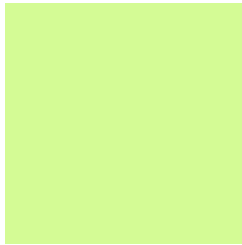


17003D



# Previews

## White Background



This preview shows how the Hex color D4FB95 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 D4FB95 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

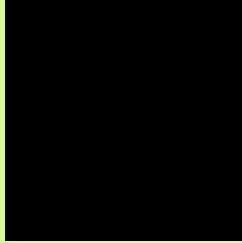
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D4FB95 Background



This preview shows how black text looks on a background with the Hex color D4FB95.

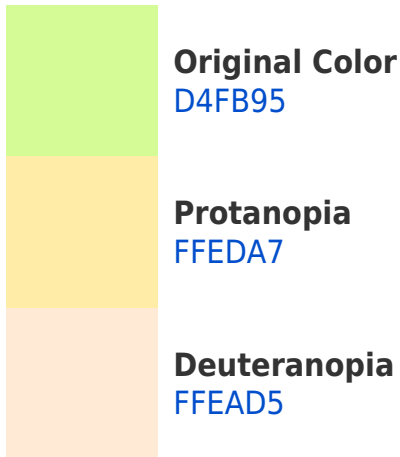


This preview shows how white text looks on a background with the Hex color D4FB95.

# 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



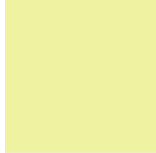


**Tritanopia**  
E4EEFF

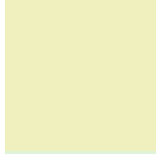
# Trichromacy



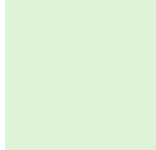
**Original Color**  
D4FB95



**Protanomaly**  
EFF2A0

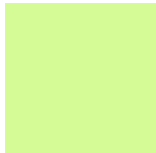


**Deuteranomaly**  
EFF0BE

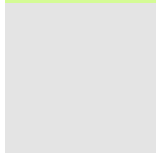


**Tritanomaly**  
DEF3D8

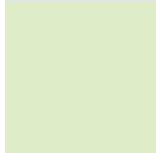
# Monochromacy



**Original Color**  
D4FB95



**Achromatopsia**  
E4E4E4



**Achromatomaly**  
DEECC7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4FB95 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 #D4FB95 looks like.

```
.text, #text, p{  
    color:#D4FB95  
}
```

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 #D4FB95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4FB95
}
```

## Border

The CSS property to change the border of an element to Hex D4FB95 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
#D4FB95 }
```

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

```
.border{ border-color:#D4FB95 }
```

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

Here you see how a box with a 4 pixel #D4FB95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4FB95; -webkit-box-shadow:4px 4px  
4px 4px #D4FB95; box-shadow:4px 4px 4px  
4px #D4FB95 }
```

# Background

The CSS property to change the background color of an element to Hex D4FB95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4FB95 }
```

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

```
.background{ background-color:#D4FB95 }
```

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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