

# Converting Colors

Hex(D7FF95)

Have a look what the booklet for  
Hex(D7FF95) contains.

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# **Color**

**Hex(D7FF95)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7FF95
RGB	215, 255, 149
RGB Percent	84%, 100%, 58%
CMY	0.1569, 0.0000, 0.4157
CMYK	0.16, 0.00, 0.42, 0.00
HSL	83°, 100%, 79%
HSV	83°, 42%, 100%
XYZ	69.2091, 88.1370, 41.7982
YIQ	230.9560, 10.1860, -41.4460

# Conversions

## Conversions Part 2

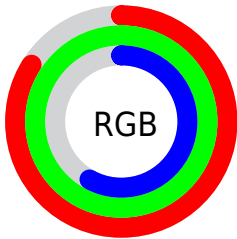
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 255, 189
Decimal	14155669
CIELab	95.22, -29.56, 46.40
CIELCh	95, 55.019, 122.503
Yxy	88.1370, 0.3475, 0.4426
Android (android.graphics.Color)	4292345749 (0xFFD7FF95)
YUV	230.9560, -40.4043, -13.9934
Hunter-Lab	93.8813, -32.7024, 39.3196

# Details

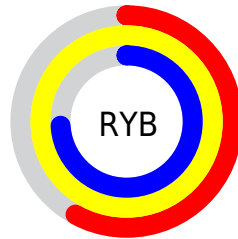
The Hex color **D7FF95** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **BD95FF**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFCC**, and **9FC660** is the 20% darker color. If you saturate the color by 10%, you get **CDFF7C**, and if you desaturate by 10%, it is **E1FFAF**.

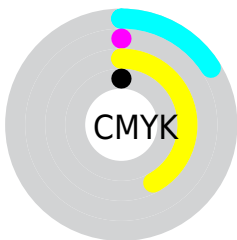
# Distribution



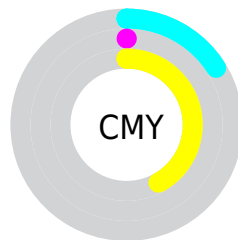
- Red (84%)
- Green (100%)
- Blue (58%)



- Red (58%)
- Yellow (100%)
- Blue (74%)



- Cyan (16%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7FF95 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 D7FF95 by changing the saturation by 10% instead.



 D7FF95

FFFFFF

 FFFFCC

 FFFFEE9

 D7FF95

 BAE27A

 9FC660

 83AB46

 69902D

 4E7610

 345D00

 1B4500

 002F00

 001B00

 D7FF95

 D7FF95

 CDFF7C

 E1FFAF

 C4FF62

 EAFFC8

 BAFF49

 F4FFE2

 B1FF2F

 FDFFFB

 A7FF16

FFFFFF

 9FFF00

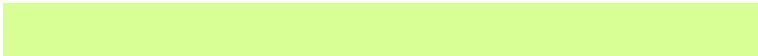
# Harmonies

## Analogous

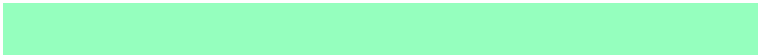
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF085



D7FF95



95FFBE

# Triad

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



D7FF95



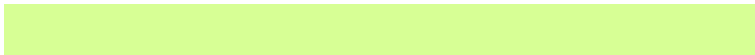
12FFFF



FFC6EF

# Complementary

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



D7FF95



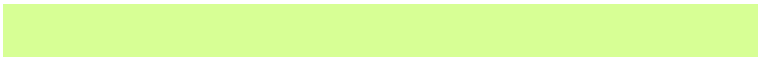
BD95FF

# 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.



FFCFFF



D7FF95



A6F5FF

# Square

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



D7FF95



00FFFF



FCE2FF



FFCCBB

# Rectangle

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



D7FF95



5CFFE2



FCE2FF



FFC8FF

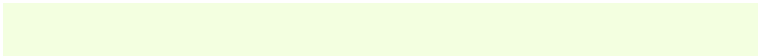


# Sweetspot

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



D7FF95



F3FFE0



FFBC95



79806E



000000

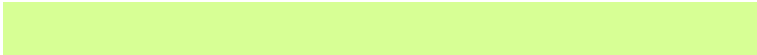


808080

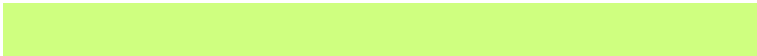


# Same Dimension

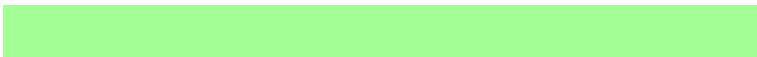
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D7FF95



CFFF80



A3FF95



7B8073



77BF00



284000



# Inverse Universe

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



BD95FF



B080FF



F195FF



787380



4800BF

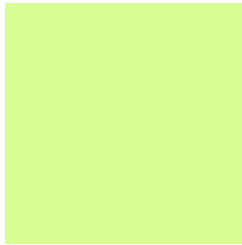


180040



# Previews

## White Background



This preview shows how the Hex color D7FF95 looks on a white background.

## Color Contrast Check

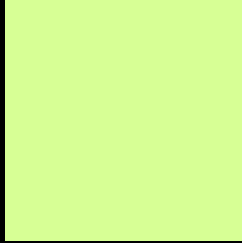
Large Text (above 18pt) WCAG AA × Fail

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 D7FF95 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 D7FF95 Background



This preview shows how black text looks on a background with the Hex color D7FF95.

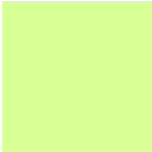
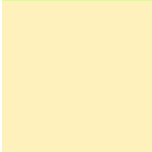
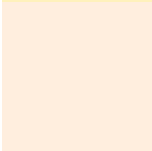


This preview shows how white text looks on a background with the Hex color D7FF95.

# 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](#).

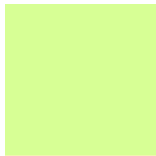
## Dichromacy

	<b>Original Color</b> D7FF95
	<b>Protanopia</b> FFF1BC
	<b>Deuteranopia</b> FFEEDE

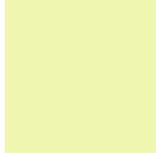


**Tritanopia**  
E9F1FF

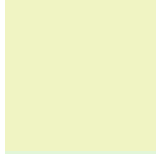
# Trichromacy



**Original Color**  
D7FF95



**Protanomaly**  
F0F6AE

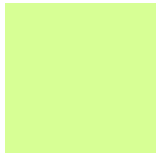


**Deuteranomaly**  
F0F4C3

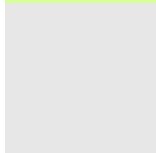


**Tritanomaly**  
E2F6D8

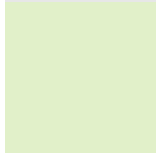
# Monochromacy



**Original Color**  
D7FF95



**Achromatopsia**  
E7E7E7



**Achromatomaly**  
E1F0C9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7FF95 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 #D7FF95 looks like.

```
.text, #text, p{  
    color:#D7FF95  
}
```

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 #D7FF95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7FF95
}
```

## Border

The CSS property to change the border of an element to Hex D7FF95 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
#D7FF95 }
```

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

```
.border{ border-color:#D7FF95 }
```

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

Here you see how a box with a 4 pixel #D7FF95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7FF95; -webkit-box-shadow:4px 4px  
4px 4px #D7FF95; box-shadow:4px 4px 4px  
4px #D7FF95 }
```

# Background

The CSS property to change the background color of an element to Hex D7FF95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7FF95 }
```

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

```
.background{ background-color:#D7FF95 }
```

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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