

Converting Colors

Hex(DDFE85)

Have a look what the booklet for
Hex(DDFE85) contains.

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Color

Hex(**DDFE85**)

Conversions

Conversions Part 1

Format	Color
Hex	DDFE85
RGB	221, 254, 133
RGB Percent	87%, 100%, 52%
CMY	0.1333, 0.0039, 0.4784
CMYK	0.13, 0.00, 0.48, 0.00
HSL	76°, 98%, 76%
HSV	76°, 48%, 100%
XYZ	69.4942, 87.9492, 35.5035
YIQ	230.3390, 19.1730, -44.6270

Conversions

Conversions Part 2

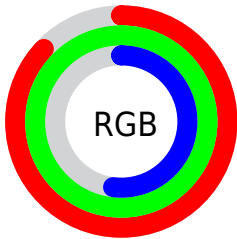
Format	Color
RYB	133, 254, 166
Decimal	14548613
CIELab	95.14, -28.61, 53.96
CIELCh	95, 61.076, 117.929
Yxy	87.9492, 0.3602, 0.4558
Android (android.graphics.Color)	4292738693 (0xFFDDFE85)
YUV	230.3390, -47.9881, -8.1903
Hunter-Lab	93.7813, -31.8442, 43.2010

Details

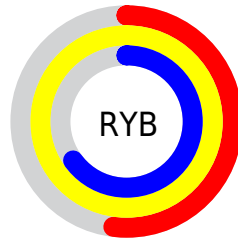
The Hex color **DDFE85** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **A685FE**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFBC**, and **A4C550** is the 20% darker color. If you saturate the color by 10%, you get **D6FE6C**, and if you desaturate by 10%, it is **E4FE9E**.

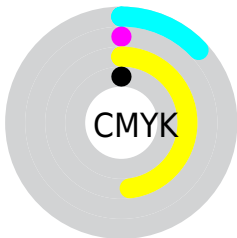
Distribution



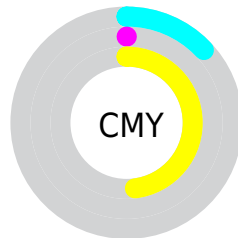
- Red (87%)
- Green (100%)
- Blue (52%)



- Red (52%)
- Yellow (100%)
- Blue (65%)



- Cyan (13%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDFE85 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 DDFE85 by changing the saturation by 10% instead.

 DDFE85

 DDFE85

FFFFFF

 C0E16A

 FFFFBC

 A4C550

 FFFFD9

 88AA35

 FFFFF6

 6D8F17

 527600

 385D00

 1D4500

 002E00

 001B00

 DDFE85

 DDFE85

 D6FE6C

 E4FE9E

 CFFE52

 EBFEB8

 C8FE39

 F2FED1

 C1FE1F

 F9FEEB

 BAFE06

FFFEFF

 B9FE00

Harmonies

Analogous

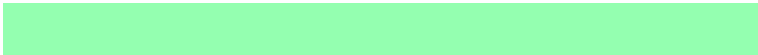
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEC78



DDFE85



94FFB0

Triad

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



DDFE85



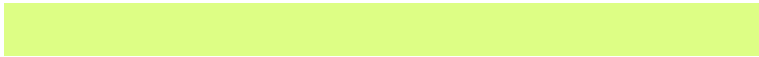
00FFFF



FFC1F8

Complementary

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



DDFE85



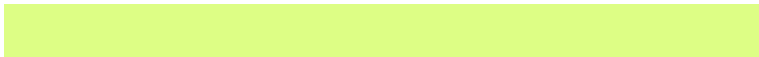
A685FE

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



DDFE85



83F8FF

Square

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



DDFE85



00FFFF



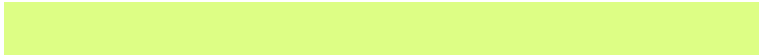
EFE3FF



FFC5BD

Rectangle

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



DDFE85



4EFFD6



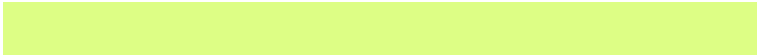
EFE3FF



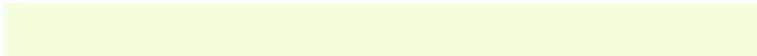
FFC3FF

Sweetspot

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



DDFE85



F5FFDB



FEA585



7A806A



000000



808080

Same Dimension

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



DDFE85



D7FF6E



A1FE85



7C8073



8BBF00



2E4000

Inverse Universe

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



A685FE



956EFF



E285FE



767380



3400BF



110040

Previews

White Background



This preview shows how the Hex color DDFE85 looks on a white background.

Color Contrast Check

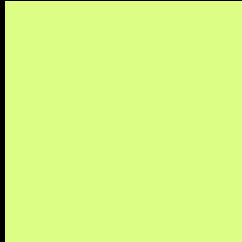
Large Text (above 18pt) WCAG AA × Fail

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 DDFE85 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 DDFE85 Background



This preview shows how black text looks on a background with the Hex color DDFE85.

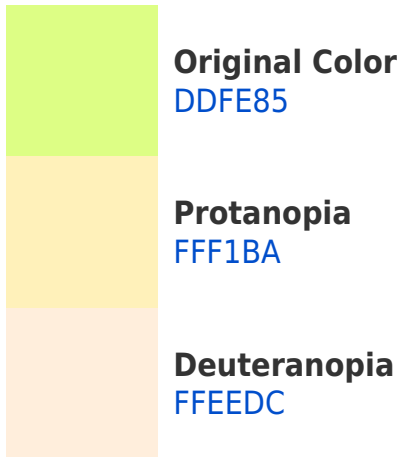


This preview shows how white text looks on a background with the Hex color DDFE85.

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](#).

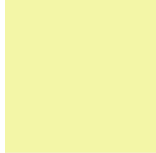
Dichromacy



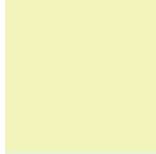
Trichromacy



Original Color
DDFE85



Protanomaly
F3F6A7



Deuteranomaly
F3F4BC

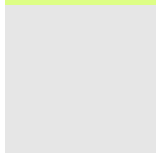


Tritanomaly
E7F5D3

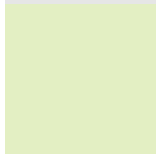
Monochromacy



Original Color
DDFE85



Achromatopsia
E6E6E6



Achromatomaly
E3EFC3

CSS Examples

Text

The CSS property to change the color of the text to Hex DDFE85 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 #DDFE85 looks like.

```
.text, #text, p{  
    color:#DDFE85  
}
```

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 #DDFE85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDFE85
}
```

Border

The CSS property to change the border of an element to Hex DDFE85 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
#DDFE85 }
```

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

```
.border{ border-color:#DDFE85 }
```

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

Here you see how a box with a 4 pixel #DDFE85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDFE85; -webkit-box-shadow:4px 4px  
4px 4px #DDFE85; box-shadow:4px 4px 4px  
4px #DDFE85 }
```

Background

The CSS property to change the background color of an element to Hex DDFE85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDFE85 }
```

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

```
.background{ background-color:#DDFE85 }
```

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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