

Converting Colors

Hex(4DFF85)

Have a look what the booklet for
Hex(4DFF85) contains.

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Color

Hex(4DFF85)

Conversions

Conversions Part 1

Format	Color
Hex	4DFF85
RGB	77, 255, 133
RGB Percent	30%, 100%, 52%
CMY	0.6980, 0.0000, 0.4784
CMYK	0.70, 0.00, 0.48, 0.00
HSL	139°, 100%, 65%
HSV	139°, 70%, 100%
XYZ	43.0542, 74.7912, 34.3573
YIQ	187.8700, -66.9260, -75.6780

Conversions

Conversions Part 2

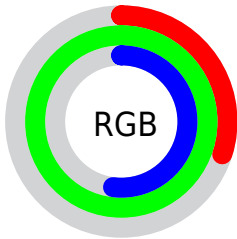
Format	Color
RYB	77, 212, 255
Decimal	5111685
CIELab	89.30, -69.86, 45.38
CIELCh	89, 83.307, 146.991
Yxy	74.7912, 0.2829, 0.4914
Android (android.graphics.Color)	4283301765 (0xFF4DFF85)
YUV	187.8700, -27.0509, -97.2330
Hunter-Lab	86.4819, -62.4788, 36.9828

Details

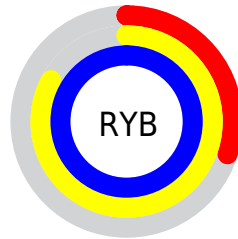
The Hex color **4DFF85** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **FF4DC7**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **92FFBC**, and **00C551** is the 20% darker color. If you saturate the color by 10%, you get **34FF74**, and if you desaturate by 10%, it is **67FF96**.

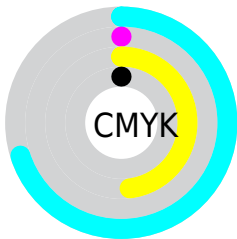
Distribution



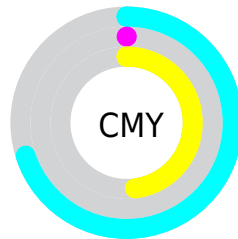
- Red (30%)
- Green (100%)
- Blue (52%)



- Red (30%)
- Yellow (83%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)



- Cyan (70%)
- Magenta (0%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DFF85 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 4DFF85 by changing the saturation by 10% instead.

 4DFF85

 4DFF85

FFFFFF

 19E26B

 92FFBC

 00C551

 B2FFD8

 00A937

 D1FFF5

 008D1B

 F0FFFF

 007200

 005800

 003F00

 002600

 000000

 4DFF85

 4DFF85

 34FF74

 67FF96

 1AFF62

 80FFA8

 01FF51

 9AFFB9

 00FF50

 B3FFCB

 CDDFDC

 E6FFEE

FFFFFF

Harmonies

Analogous

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



C2F143



4DFF85



00FFD6

Triad

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



4DFF85



00ECFF



FF9C9D

Complementary

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



4DFF85



FF4DC7

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.



FF94EC



4DFF85



D2CFFF

Square

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



4DFF85



00FEFF



FFACFF



FFBB59

Rectangle

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



4DFF85



00FFFF



FFACFF



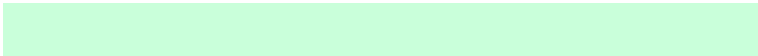
FF96B6

Sweetspot

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



4DFF85



C9FFDA



CAFF4D



60806A



000000



808080

Same Dimension

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



4DFF85



29FF6C



4DFFDB



738077



00BF3C



004014

Inverse Universe

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



FF4DC7



FF29BC



FF4D71



80737B



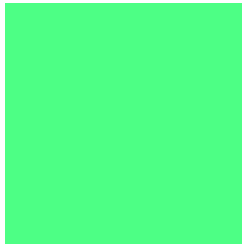
BF0083



40002C

Previews

White Background



This preview shows how the Hex color 4DFF85 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 4DFF85 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

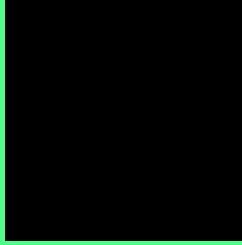
Any Text WCAG AA ✓ Pass

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 4DFF85 Background



This preview shows how black text looks on a background with the Hex color 4DFF85.

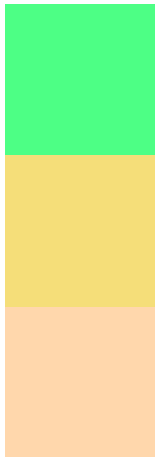


This preview shows how white text looks on a background with the Hex color 4DFF85.

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](#).

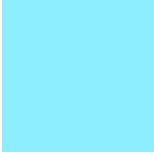
Dichromacy



Original Color
4DFF85

Protanopia
F5DE79

Deuteranopia
FFD7AC



Tritanopia
8DEEFF

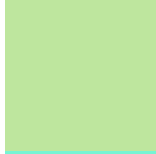
Trichromacy



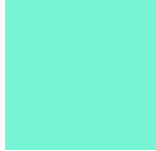
Original Color
4DFF85



Protanomaly
B8EA7D

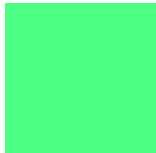


Deuteranomaly
BEE69E

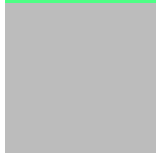


Tritanomaly
76F4D3

Monochromacy



Original Color
4DFF85



Achromatopsia
BCBCBC



Achromatomaly
94D4A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DFF85 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 #4DFF85 looks like.

```
.text, #text, p{  
    color:#4DFF85  
}
```

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 #4DFF85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DFF85
}
```

Border

The CSS property to change the border of an element to Hex 4DFF85 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
#4DFF85 }
```

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

```
.border{ border-color:#4DFF85 }
```

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

Here you see how a box with a 4 pixel #4DFF85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DFF85; -webkit-box-shadow:4px 4px  
4px 4px #4DFF85; box-shadow:4px 4px 4px  
4px #4DFF85 }
```

Background

The CSS property to change the background color of an element to Hex 4DFF85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DFF85 }
```

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

```
.background{ background-color:#4DFF85 }
```

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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