

Converting Colors

Hex(18FD85)

Have a look what the booklet for
Hex(18FD85) contains.

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Color

Hex(18FD85)

Conversions

Conversions Part 1

Format	Color
Hex	18FD85
RGB	24, 253, 133
RGB Percent	9%, 99%, 52%
CMY	0.9059, 0.0078, 0.4784
CMYK	0.91, 0.00, 0.47, 0.01
HSL	149°, 98%, 54%
HSV	149°, 91%, 99%
XYZ	39.7356, 72.1382, 34.0201
YIQ	170.8490, -97.9640, -85.8680

Conversions

Conversions Part 2

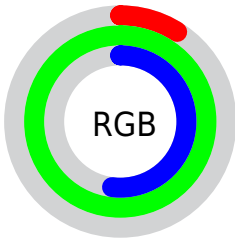
Format	Color
R_{YB}	24, 179, 253
Decimal	1637765
CIE Lab	88.04, -74.56, 43.66
CIE LCh	88, 86.401, 149.649
Yxy	72.1382, 0.2724, 0.4945
Android (android.graphics.Color)	4279827845 (0xFF18FD85)
YUV	170.8490, -18.6596, -128.7866
Hunter-Lab	84.9342, -65.1255, 35.7056

Details

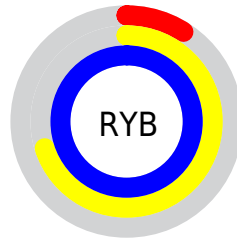
The Hex color **18FD85** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle washed spring green. A complement of this color would be **FD1890**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **77FFBC**, and **00C351** is the 20% darker color. If you saturate the color by 10%, you get **00FD78**, and if you desaturate by 10%, it is **31FD92**.

Distribution



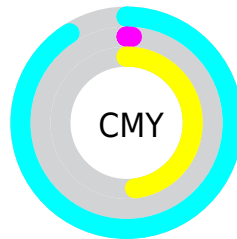
- Red (9%)
- Green (99%)
- Blue (52%)



- Red (9%)
- Yellow (70%)
- Blue (99%)



- Cyan (91%)
- Magenta (0%)
- Yellow (47%)
- Black (1%)



- Cyan (91%)
- Magenta (1%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18FD85 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 18FD85 by changing the saturation by 10% instead.

 18FD85

 18FD85

FFFFFF

 00E06B

 77FFBC

 00C351

 9AFFD8

 00A637

 BAFFF5

 008B1C

 DAFFFF

 007000

 FAFFFF

 005500

 003D00

 002300

 000000

 18FD85

 18FD85

 00FD78

 31FD92

 4BFDA0

 64FDAD

 7DFDBA

 97FDC7

 B0FDD5

 C9FDE2

 E2FDEF

 FCFDFC

Harmonies

Analogous

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



B5F03B



18FD85



00FFD9

Triad

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



18FD85



00E7FF



FF9790

Complementary

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



18FD85



FD1890

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.



FF8BE1



18FD85



D9C7FF

Square

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



18FD85



00FAFF



FFA2FF



FFB84A

Rectangle

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



18FD85



00FFFF



FFA2FF



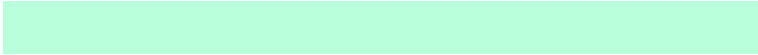
FF90AA

Sweetspot

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



18FD85



BAFFDB



92FD18



57806A



000000



808080

Same Dimension

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



18FD85



00FF79



18DFD5



738079



00BF5B



00401E

Inverse Universe

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



FD1890



FF0086



FD1820



807379



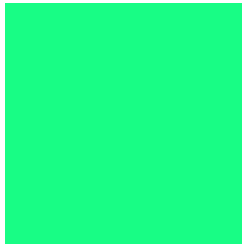
BF0064



400021

Previews

White Background



This preview shows how the Hex color 18FD85 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 18FD85 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 18FD85 Background



This preview shows how black text looks on a background with the Hex color 18FD85.

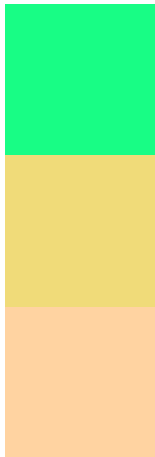


This preview shows how white text looks on a background with the Hex color 18FD85.

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](#).

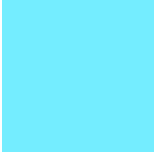
Dichromacy



Original Color
18FD85

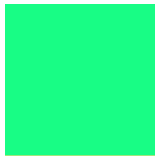
Protanopia
F0DB79

Deuteranopia
FFD3A1



Tritanopia
74EDFF

Trichromacy



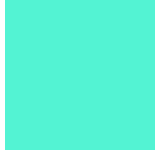
Original Color
18FD85



Protanomaly
A1E77D



Deuteranomaly
ABE297

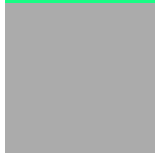


Tritanomaly
53F3D3

Monochromacy



Original Color
18FD85



Achromatopsia
ABABAB



Achromatomaly
76C99D

CSS Examples

Text

The CSS property to change the color of the text to Hex 18FD85 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 #18FD85 looks like.

```
.text, #text, p{  
    color:#18FD85  
}
```

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 #18FD85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18FD85
}
```

Border

The CSS property to change the border of an element to Hex 18FD85 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
#18FD85 }
```

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

```
.border{ border-color:#18FD85 }
```

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

Here you see how a box with a 4 pixel #18FD85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18FD85; -webkit-box-shadow:4px 4px  
4px 4px #18FD85; box-shadow:4px 4px 4px  
4px #18FD85 }
```

Background

The CSS property to change the background color of an element to Hex 18FD85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18FD85 }
```

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

```
.background{ background-color:#18FD85 }
```

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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