

Converting Colors

Hex(16FF8F)

Have a look what the booklet for
Hex(16FF8F) contains.

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Color

Hex(16FF8F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 16FF8F |
| RGB | 22, 255, 143 |
| RGB Percent | 9%, 100%, 56% |
| CMY | 0.9137, 0.0000, 0.4392 |
| CMYK | 0.91, 0.00, 0.44, 0.00 |
| HSL | 151°, 100%, 54% |
| HSV | 151°, 91%, 100% |
| XYZ | 41.0488, 73.6737, 38.0436 |
| YIQ | 172.5650, -102.9160, -84.2280 |

Conversions

Conversions Part 2

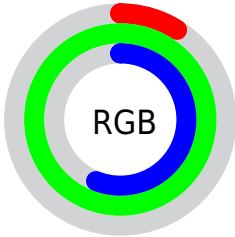
| Format | Color |
|-------------------------------------|----------------------------------|
| RYB | 22, 175, 255 |
| Decimal | 1507215 |
| CIELab | 88.77, -73.65, 39.77 |
| CIELCh | 89, 83.697, 151.630 |
| Yxy | 73.6737, 0.2687, 0.4823 |
| Android (android.graphics.Color) | 4279697295 (0xFF16FF8F) |
| YUV | 172.5650, -14.5755, -132.0455 |
| Hunter-Lab | 85.8334, -64.8430, 33.8045 |

Details

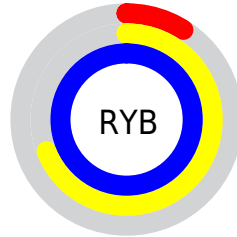
The Hex color **16FF8F** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle washed spring green. A complement of this color would be **FF1686**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **77FFC6**, and **00C55B** is the 20% darker color. If you saturate the color by 10%, you get **00FF84**, and if you desaturate by 10%, it is **30FF9B**.

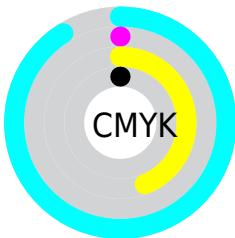
Distribution



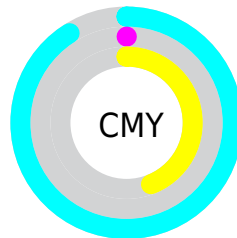
- Red (9%)
- Green (100%)
- Blue (56%)



- Red (9%)
- Yellow (69%)
- Blue (100%)



- Cyan (91%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)



- Cyan (91%)
- Magenta (0%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16FF8F 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 16FF8F by changing the saturation by 10% instead.

 16FF8F

 16FF8F

FFFFFF

 00E275

 77FFC6

 00C55B

 99FFE2

 00A842

 BAFFFF

 008D28

 DBFFFF

 00720C

 FBFFFF

 005700

 003E00

 002500

 000000

 16FF8F

 16FF8F

 00FF84

 30FF9B

 49FFA8

 62FFB4

 7CFFC0

 95FFCC

 AFFFD9

 C9FFE5

 E2FFF1

 FBFFFD

Harmonies

Analogous

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



B3F249



16FF8F



00FE1

Triad

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



16FF8F



00E7FF



FF9E90

Complementary

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



16FF8F



FF1686

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.



FF91DE



16FF8F



E5C8FF

Square

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



16FF8F



00FAFF



FFA5FF



FFBE4E

Rectangle

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



16FF8F



00FFFF



FFA5FF



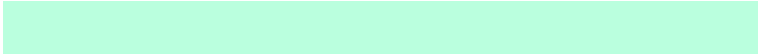
FF97A9

Sweetspot

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



16FF8F



BAFFDE



87FF16



57806C



000000



808080

Same Dimension

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



16FF8F



00FF84



16FBFF



738079



00BF63



004021

Inverse Universe

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



FF1686



FF007B



FF1A16



807379



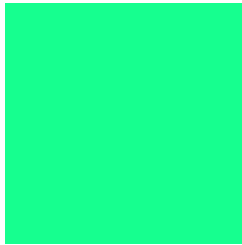
BF005C



40001F

Previews

White Background



This preview shows how the Hex color 16FF8F looks on a white background.

Color Contrast Check

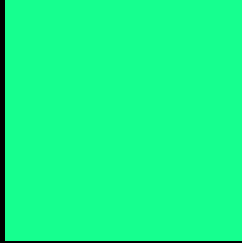
Large Text (above 18pt) WCAG AA × Fail

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 16FF8F 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

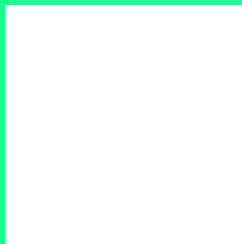
Any Text WCAG AAA ✓ Pass

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

Hex 16FF8F Background



This preview shows how black text looks on a background with the Hex color 16FF8F.

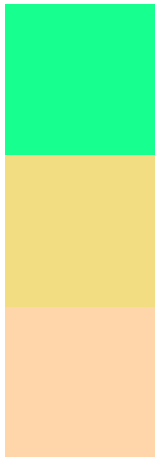


This preview shows how white text looks on a background with the Hex color 16FF8F.

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](#).

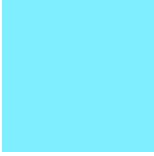
Dichromacy



Original Color
16FF8F

Protanopia
F2DD82

Deuteranopia
FFD5AA



Tritanopia
7FEEFF

Trichromacy



Original Color
16FF8F



Protanomaly
A2E987



Deuteranomaly
AAE4A0

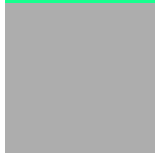


Tritanomaly
59F4D6

Monochromacy



Original Color
16FF8F



Achromatopsia
ADADAD



Achromatomaly
76CBA2

CSS Examples

Text

The CSS property to change the color of the text to Hex 16FF8F 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 #16FF8F looks like.

```
.text, #text, p{  
    color:#16FF8F  
}
```

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 #16FF8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16FF8F
}
```

Border

The CSS property to change the border of an element to Hex 16FF8F 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
#16FF8F }
```

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

```
.border{ border-color:#16FF8F }
```

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

Here you see how a box with a 4 pixel #16FF8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16FF8F; -webkit-box-shadow:4px 4px  
4px 4px #16FF8F; box-shadow:4px 4px 4px  
4px #16FF8F }
```

Background

The CSS property to change the background color of an element to Hex 16FF8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16FF8F }
```

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

```
.background{ background-color:#16FF8F }
```

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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