

Converting Colors

Hex(16FFAF)

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

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Color

Hex(16FFAF)

Conversions

Conversions Part 1

Format	Color
Hex	16FFAF
RGB	22, 255, 175
RGB Percent	9%, 100%, 69%
CMY	0.9137, 0.0000, 0.3137
CMYK	0.91, 0.00, 0.31, 0.00
HSL	159°, 100%, 54%
HSV	159°, 91%, 100%
XYZ	43.8287, 74.7857, 52.6825
YIQ	176.2130, -113.1880, -74.2760

Conversions

Conversions Part 2

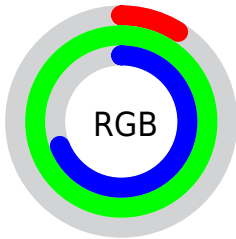
Format	Color
R_{YB}	22, 163, 255
Decimal	1507247
CIE _{Lab}	89.29, -67.56, 24.53
CIE _{LCh}	89, 71.874, 160.047
Yxy	74.7857, 0.2559, 0.4366
Android (android.graphics.Color)	4279697327 (0xFF16FFAF)
YUV	176.2130, -0.5980, -135.2448
Hunter-Lab	86.4787, -60.8713, 24.4159

Details

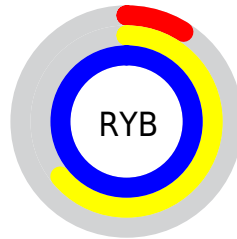
The Hex color **16FFAF** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **FF1666**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **77FFE7**, and **00C57A** is the 20% darker color. If you saturate the color by 10%, you get **00FFA7**, and if you desaturate by 10%, it is **30FFB8**.

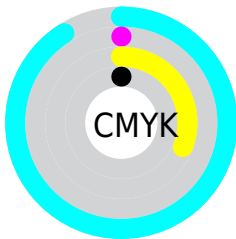
Distribution



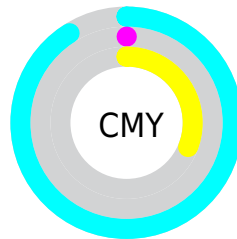
- Red (9%)
- Green (100%)
- Blue (69%)



- Red (9%)
- Yellow (64%)
- Blue (100%)



- Cyan (91%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (91%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

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

 16FFAF

 16FFAF

FFFFFF

 00E294

 77FFE7

 00C57A

 9AFFFF

 00A961

 BAFFFF

 008D49

 DBFFFF

 007231

 FBFFFF

 00581B

 003F03

 002600

 000000

 16FFAF

 16FFAF

 00FFA7

 30FFB8

 49FFC1

 62FFC9

 7CFFD2

 95FFDB

 AFFFE4

 C9FFEC

 E2FFF5

 FBFFFE

Harmonies

Analogous

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



A6F572



16FFAF



00FFF6

Triad

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



16FFAF



8BE0FF



FFB28B

Complementary

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



16FFAF



FF1666

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.



FFA3CC



16FFAF



FFC5FF

Square

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



16FFAF



00F4FF



FFABFF



FFCC5C

Rectangle

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



16FFAF



00FFFF



FFABFF



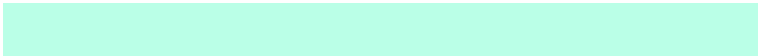
FFABA0

Sweetspot

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



16FFAF



BAFFE7



68FF16



578071



000000



808080

Same Dimension

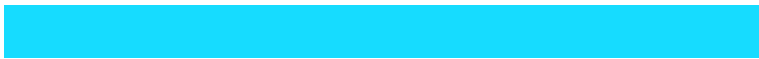
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16FFAF



00FFA7



16DCFF



73807B



00BF7E



00402A

Inverse Universe

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



FF1666



FF0058



FF3916



807377



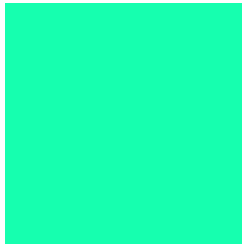
BF0042



400016

Previews

White Background



This preview shows how the Hex color 16FFAF 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 16FFAF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

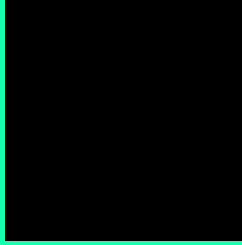
Any Text WCAG AA ✓ Pass

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 16FFAF Background



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

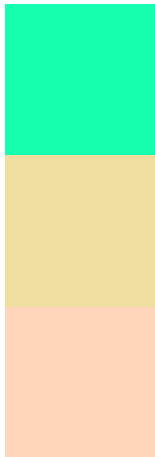


This preview shows how white text looks on a background with the Hex color 16FFAF.

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](#).

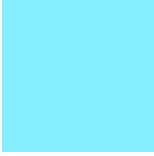
Dichromacy



Original Color
16FFAF

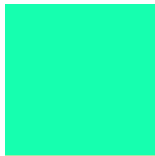
Protanopia
EFDEA0

Deuteranopia
FFD6BB

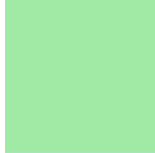


Tritanopia
86EFFF

Trichromacy



Original Color
16FFAF



Protanomaly
A0EAA5



Deuteranomaly
AAE5B7

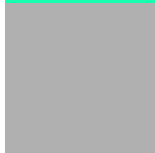


Tritanomaly
5DF5E2

Monochromacy



Original Color
16FFAF



Achromatopsia
B0B0B0



Achromatomaly
78CDB0

CSS Examples

Text

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

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

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 #16FFAF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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