

# Converting Colors

Hex(16FA7A)

Have a look what the booklet for  
Hex(16FA7A) contains.

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# **Color**

**Hex(16FA7A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	16FA7A
RGB	22, 250, 122
RGB Percent	9%, 98%, 48%
CMY	0.9137, 0.0196, 0.5216
CMYK	0.91, 0.00, 0.51, 0.02
HSL	146°, 96%, 53%
HSV	146°, 91%, 98%
XYZ	38.0293, 69.9469, 29.9091
YIQ	167.2360, -94.8000, -88.1440

# Conversions

## Conversions Part 2

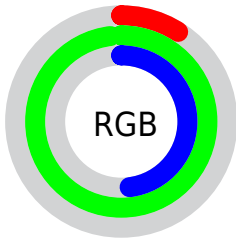
Format	Color
R <sub>Y</sub> B	22, 180, 250
Decimal	1505914
CIE Lab	86.97, -75.40, 47.53
CIE LCh	87, 89.130, 147.777
Yxy	69.9469, 0.2758, 0.5073
Android (android.graphics.Color)	4279695994 (0xFF16FA7A)
YUV	167.2360, -22.3013, -127.3720
Hunter-Lab	83.6343, -65.1943, 37.3408

# Details

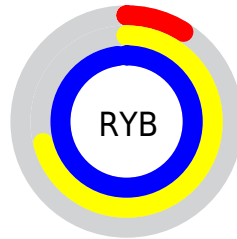
The Hex color **16FA7A** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **FA1696**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **76FFB1**, and **00C045** is the 20% darker color. If you saturate the color by 10%, you get **00FA6E**, and if you desaturate by 10%, it is **2FFA88**.

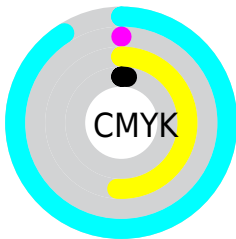
# Distribution



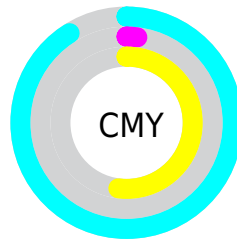
- Red (9%)
- Green (98%)
- Blue (48%)



- Red (9%)
- Yellow (71%)
- Blue (98%)



- Cyan (91%)
- Magenta (0%)
- Yellow (51%)
- Black (2%)



- Cyan (91%)
- Magenta (2%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 16FA7A 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 16FA7A by changing the saturation by 10% instead.



 16FA7A

FFFFFF

 76FFB1

 98FFCD

 B9FFE9

 D9FFFF

 F9FFFF

 16FA7A

 00DD60

 00C045

 00A42B

 00880B

 006D00

 005300

 003B00

 002000

 000000

 16FA7A

 16FA7A

 00FA6E

 2FFA88

 48FA96

 61FAA4

 7AFAB2

 93FAC0

 ACFACE

 C5FADC

 DEFAEA

 F7FAF8

# Harmonies

## Analogous

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



B5EC2A



16FA7A



00FFD1

# Triad

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



16FA7A



00E6FF



FF8F90

# Complementary

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



16FA7A



FA1696

# 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.



FF84E4



16FA7A



CBC6FF

# Square

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



16FA7A



00F9FF



FF9FFF



FFB246

# Rectangle

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



16FA7A



00FFFF



FF9FFF



FF87AB

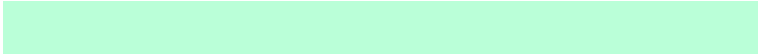


# Sweetspot

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



16FA7A



BAFFD8



97FA16



578069



000000



808080



# Same Dimension

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



16FA7A



00FF70



16FAEB



707D76



00BD53



003D1B



# Inverse Universe

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



FA1696



FF008F



FA1625



7D7077



BD006A

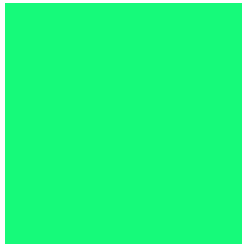


3D0022



# Previews

## White Background



This preview shows how the Hex color 16FA7A 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 16FA7A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

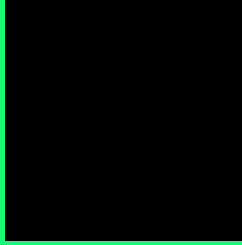
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 16FA7A Background



This preview shows how black text looks on a background with the Hex color 16FA7A.

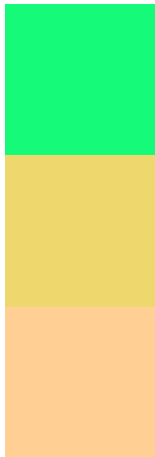


This preview shows how white text looks on a background with the Hex color 16FA7A.

# 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](#).

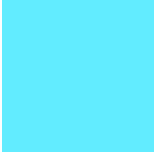
## Dichromacy



**Original Color**  
16FA7A

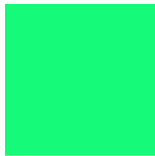
**Protanopia**  
EED86E

**Deuteranopia**  
FFCF94



**Tritanopia**  
62ECFF

# Trichromacy



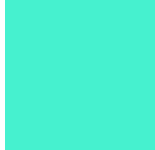
**Original Color**  
16FA7A



**Protanomaly**  
9FE472



**Deuteranomaly**  
AADF8B

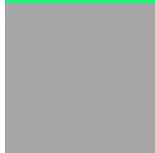


**Tritanomaly**  
46F1CF

# Monochromacy



**Original Color**  
16FA7A



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
72C597

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 16FA7A 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 #16FA7A looks like.

```
.text, #text, p{  
    color:#16FA7A  
}
```

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 #16FA7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16FA7A
}
```

## Border

The CSS property to change the border of an element to Hex 16FA7A 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
#16FA7A }
```

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

```
.border{ border-color:#16FA7A }
```

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

Here you see how a box with a 4 pixel #16FA7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16FA7A; -webkit-box-shadow:4px 4px  
4px 4px #16FA7A; box-shadow:4px 4px 4px  
4px #16FA7A }
```

# Background

The CSS property to change the background color of an element to Hex 16FA7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16FA7A }
```

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

```
.background{ background-color:#16FA7A }
```

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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