

Converting Colors

Hex(16DF7D)

Have a look what the booklet for
Hex(16DF7D) contains.

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Color

Hex(16DF7D)

Conversions

Conversions Part 1

Format	Color
Hex	16DF7D
RGB	22, 223, 125
RGB Percent	9%, 87%, 49%
CMY	0.9137, 0.1255, 0.5098
CMYK	0.90, 0.00, 0.44, 0.13
HSL	151°, 82%, 48%
HSV	151°, 90%, 87%
XYZ	30.4202, 54.4266, 28.3041
YIQ	151.7290, -88.3380, -73.0900

Conversions

Conversions Part 2

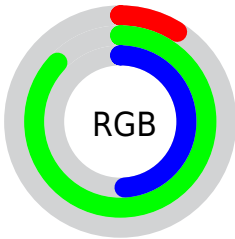
Format	Color
RYB	22, 155, 223
Decimal	1499005
CIELab	78.71, -66.22, 35.65
CIELCh	79, 75.205, 151.702
Yxy	54.4266, 0.2688, 0.4810
Android (android.graphics.Color)	4279689085 (0xFF16DF7D)
YUV	151.7290, -13.1774, -113.7723
Hunter-Lab	73.7744, -55.5022, 28.8950

Details

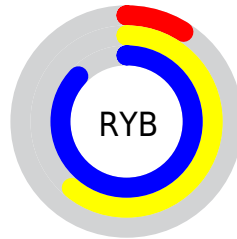
The Hex color **16DF7D** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **DF1678**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **6FFFB3**, and **00A64A** is the 20% darker color. If you saturate the color by 10%, you get **00DF72**, and if you desaturate by 10%, it is **2CDF88**.

Distribution



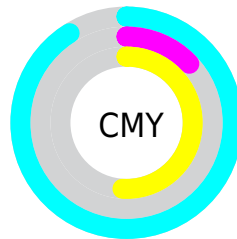
- Red (9%)
- Green (87%)
- Blue (49%)



- Red (9%)
- Yellow (61%)
- Blue (87%)



- Cyan (90%)
- Magenta (0%)
- Yellow (44%)
- Black (13%)



- Cyan (91%)
- Magenta (13%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16DF7D 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 16DF7D by changing the saturation by 10% instead.

 16DF7D

 16DF7D

FFFFFF

 00C263

 6FFFB3

 00A64A

 90FFCF

 008B32

 AFFFEB

 007019

 CFFFFFF

 005600

 EFFFFFF

 003D00

 002500

 000000

 16DF7D

 16DF7D

 00DF72

 2CDF88

 43DF93

 59DF9E

 6FDFA8

 86DFB3

 9CDFBE

 B2DFC9

 C8DFD4

 DFDFDF

Harmonies

Analogous

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



9CD440



16DF7D



00E4C5

Triad

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



16DF7D



00CAFF



FF8A7D

Complementary

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



16DF7D



DF1678

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.



FF7FC2



16DF7D



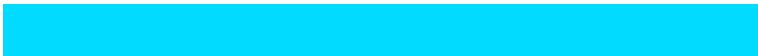
C8AEFF

Square

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



16DF7D



00DBFF



FF90FF



FFA644

Rectangle

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



16DF7D



00E4F5



FF90FF



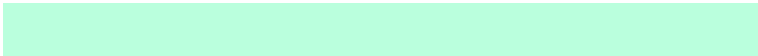
FF8493

Sweetspot

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



16DF7D



BAFFDD



7BDF16



57806C



000000



808080

Same Dimension

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



16DF7D



00FF83



16DFDF



65706B



00B05A



003019

Inverse Universe

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



DF1678



FF007C



DF1616



70656A



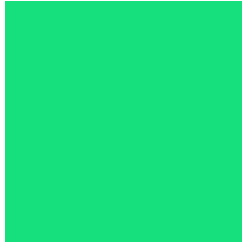
B00056



300018

Previews

White Background



This preview shows how the Hex color 16DF7D 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 16DF7D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

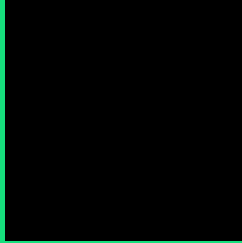
Any Text WCAG AA ✓ Pass

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 16DF7D Background



This preview shows how black text looks on a background with the Hex color 16DF7D.

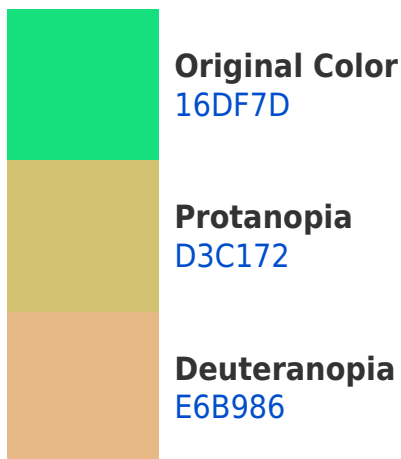


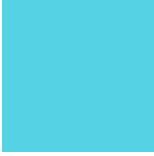
This preview shows how white text looks on a background with the Hex color 16DF7D.

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





Tritanopia
55D3E4

Trichromacy



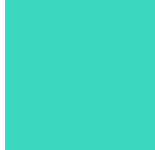
Original Color
16DF7D



Protanomaly
8ECC76



Deuteranomaly
9AC783



Tritanomaly
3ED7BF

Monochromacy



Original Color
16DF7D



Achromatopsia
989898



Achromatomaly
69B28E

CSS Examples

Text

The CSS property to change the color of the text to Hex 16DF7D 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 #16DF7D looks like.

```
.text, #text, p{  
    color:#16DF7D  
}
```

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 #16DF7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16DF7D
}
```

Border

The CSS property to change the border of an element to Hex 16DF7D 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
#16DF7D }
```

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

```
.border{ border-color:#16DF7D }
```

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

Here you see how a box with a 4 pixel #16DF7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16DF7D; -webkit-box-shadow:4px 4px  
4px 4px #16DF7D; box-shadow:4px 4px 4px  
4px #16DF7D }
```

Background

The CSS property to change the background color of an element to Hex 16DF7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16DF7D }
```

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

```
.background{ background-color:#16DF7D }
```

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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