

Converting Colors

Hex(16D686)

Have a look what the booklet for
Hex(16D686) contains.

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Color

Hex(16D686)

Conversions

Conversions Part 1

Format	Color
Hex	16D686
RGB	22, 214, 134
RGB Percent	9%, 84%, 53%
CMY	0.9137, 0.1608, 0.4745
CMYK	0.90, 0.00, 0.37, 0.16
HSL	155°, 81%, 46%
HSV	155°, 90%, 84%
XYZ	28.6805, 49.9849, 30.6907
YIQ	147.4720, -88.7520, -65.5840

Conversions

Conversions Part 2

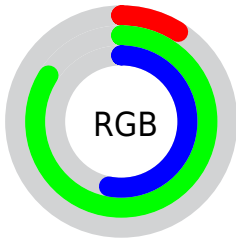
Format	Color
RYB	22, 143, 214
Decimal	1496710
CIELab	76.06, -61.44, 27.59
CIELCh	76, 67.355, 155.818
Yxy	49.9849, 0.2623, 0.4571
Android (android.graphics.Color)	4279686790 (0xFF16D686)
YUV	147.4720, -6.6417, -110.0389
Hunter-Lab	70.7000, -51.3139, 23.7524

Details

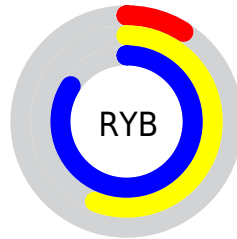
The Hex color **16D686** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D61666**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **6DFFBC**, and **009E53** is the 20% darker color. If you saturate the color by 10%, you get **01D67D**, and if you desaturate by 10%, it is **2BD68F**.

Distribution



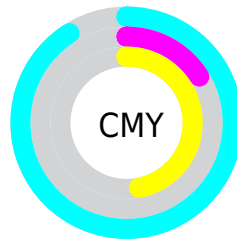
- Red (9%)
- Green (84%)
- Blue (53%)



- Red (9%)
- Yellow (56%)
- Blue (84%)



- Cyan (90%)
- Magenta (0%)
- Yellow (37%)
- Black (16%)



- Cyan (91%)
- Magenta (16%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16D686 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 16D686 by changing the saturation by 10% instead.

 16D686

 16D686

FFFFFF

 00BA6C

 6DFFBC

 009E53

 8DFFD8

 00833C

 ACFFF4

 006824

 CBFFFF

 004F0D

 EAFFFF

 003700

 001D00

 000000

 16D686

 16D686

■ 01D67D

■ 2BD68F

■ 00D67D

■ 41D698

■ 56D6A1

■ 6CD6AA

■ 81D6B3

■ 96D6BC

■ ACD6C4

■ C1D6CD

■ D7D6D6

Harmonies

Analogous

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



90CD50



16D686



00DAC6

Triad

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



16D686



4CBFFF



FF8E76

Complementary

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



16D686



D61666

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.



FF82B2



16D686



CEA6FF

Square

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



16D686



00CFFF



FF8DF0



FFA647

Rectangle

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



16D686



00D9F0



FF8DF0



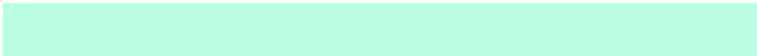
FF8889

Sweetspot

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



16D686



BAFFE2



66D616



57806F



000000



808080

Same Dimension

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



16D686



00FF95



16C6D6



606B67



00AB64



002B19

Inverse Universe

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



D61666



FF006A



D62616



6B6065



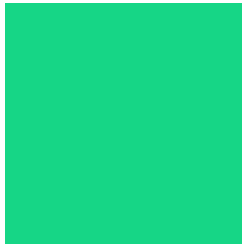
AB0047



2B0012

Previews

White Background



This preview shows how the Hex color 16D686 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 16D686 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 16D686 Background



This preview shows how black text looks on a background with the Hex color 16D686.

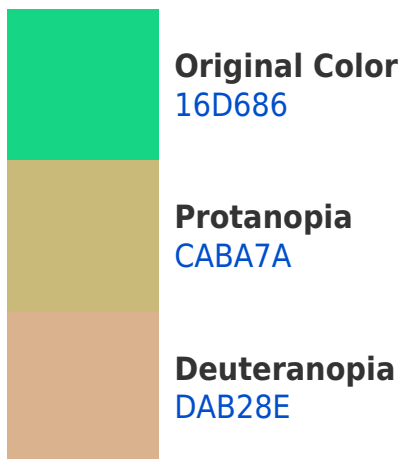


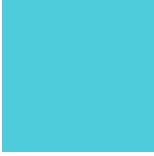
This preview shows how white text looks on a background with the Hex color 16D686.

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





Trichromacy



Original Color
16D686



Protanomaly
89C47E



Deuteranomaly
93BF8B



Tritanomaly
3AD0BD

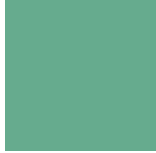
Monochromacy



Original Color
16D686



Achromatopsia
939393



Achromatomaly
66AB8E

CSS Examples

Text

The CSS property to change the color of the text to Hex 16D686 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 #16D686 looks like.

```
.text, #text, p{  
    color:#16D686  
}
```

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 #16D686 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16D686
}
```

Border

The CSS property to change the border of an element to Hex 16D686 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
#16D686 }
```

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

```
.border{ border-color:#16D686 }
```

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

Here you see how a box with a 4 pixel #16D686 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16D686; -webkit-box-shadow:4px 4px  
4px 4px #16D686; box-shadow:4px 4px 4px  
4px #16D686 }
```

Background

The CSS property to change the background color of an element to Hex 16D686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16D686 }
```

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

```
.background{ background-color:#16D686 }
```

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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