

Converting Colors

Hex(16B06F)

Have a look what the booklet for
Hex(16B06F) contains.

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Color

Hex(16B06F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 16B06F |
| RGB | 22, 176, 111 |
| RGB Percent | 9%, 69%, 44% |
| CMY | 0.9137, 0.3098, 0.5647 |
| CMYK | 0.88, 0.00, 0.37, 0.31 |
| HSL | 155°, 78%, 39% |
| HSV | 155°, 88%, 69% |
| XYZ | 18.7255, 32.3689, 20.2998 |
| YIQ | 122.5440, -70.9190, -52.8630 |

Conversions

Conversions Part 2

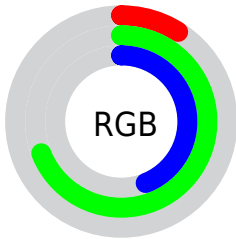
| Format | Color |
|-------------------------------------|---|
| RYB | 22, 120, 176 |
| Decimal | 1486959 |
| CIELab | 63.65, -52.37, 23.07 |
| CIELCh | 64, 57.221, 156.227 |
| Yxy | 32.3689, 0.2623, 0.4534 |
| Android (android.graphics.Color) | 4279677039 (0xFF16B06F) |
| YUV | 122.5440, -5.6912, -88.1771 |
| Hunter-Lab | 56.8937, -40.8142, 18.6708 |

Details

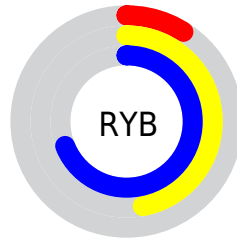
The Hex color **16B06F** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B01657**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **63E9A3**, and **007A3E** is the 20% darker color. If you saturate the color by 10%, you get **04B068**, and if you desaturate by 10%, it is **28B076**.

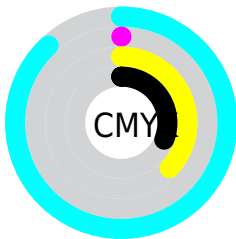
Distribution



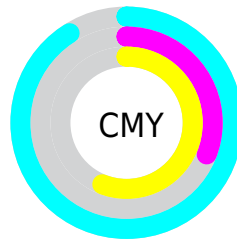
- Red (9%)
- Green (69%)
- Blue (44%)



- Red (9%)
- Yellow (47%)
- Blue (69%)



- Cyan (88%)
- Magenta (0%)
- Yellow (37%)
- Black (31%)



- Cyan (91%)
- Magenta (31%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16B06F 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 16B06F by changing the saturation by 10% instead.

 16B06F

 16B06F

FFFFFF

 009556

 63E9A3

 007A3E

 81FFBE

 006028

 9FFFDA

 004712

 BDFFF7

 003000

 DBFFFF

 001500

 F9FFFF

 000000

 16B06F

 16B06F

 04B068

 28B076

 00B066

 39B07E

 4BB085

 5CB08D

 6EB094

 80B09C

 91B0A3

 A3B0AA

 B4B0B2

Harmonies

Analogous

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



76A843



16B06F



00B3A4

Triad

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



16B06F



449CFF



F17561

Complementary

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



16B06F



B01657

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.



F76B92



16B06F



AB88ED

Square

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



16B06F



00AAF7



E074C4



D6893A

Rectangle

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



16B06F



00B3C6



E074C4



F67070

Sweetspot

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



16B06F



AAE6CC



59B016



4F7364



F2F2F2



737373

Same Dimension

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



16B06F



00E685



16A6B0



505955



009958



001A0F

Inverse Universe

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



B01657



E60061



B02016



595054



990041



1A000B

Previews

White Background



This preview shows how the Hex color 16B06F looks on a white background.

Color Contrast Check

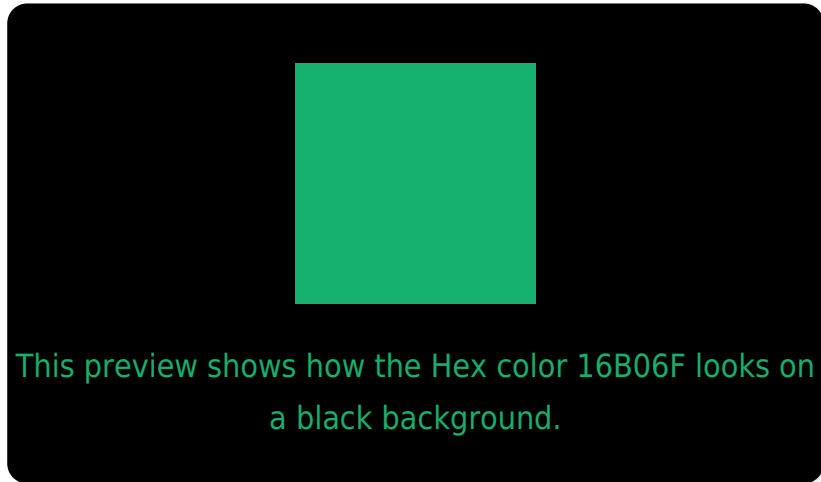
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 16B06F Background



This preview shows how black text looks on a background with the Hex color 16B06F.



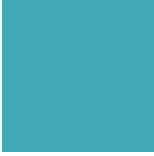
This preview shows how white text looks on a background with the Hex color 16B06F.

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
41A8B5

Trichromacy



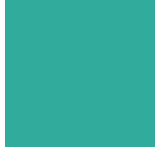
Original Color
16B06F



Protanomaly
72A169



Deuteranomaly
7A9E73



Tritanomaly
31AB9C

Monochromacy



Original Color
16B06F



Achromatopsia
7B7B7B



Achromatomaly
568E77

CSS Examples

Text

The CSS property to change the color of the text to Hex 16B06F 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 #16B06F looks like.

```
.text, #text, p{  
  color:#16B06F  
}
```

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 #16B06F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16B06F
}
```

Border

The CSS property to change the border of an element to Hex 16B06F 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
#16B06F }
```

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

```
.border{ border-color:#16B06F }
```

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

Here you see how a box with a 4 pixel #16B06F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16B06F; -webkit-box-shadow:4px 4px  
4px 4px #16B06F; box-shadow:4px 4px 4px  
4px #16B06F }
```

Background

The CSS property to change the background color of an element to Hex 16B06F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16B06F }
```

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

```
.background{ background-color:#16B06F }
```

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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