

Converting Colors

Hex(18B065)

Have a look what the booklet for
Hex(18B065) contains.

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Color

Hex(18B065)

Conversions

Conversions Part 1

Format	Color
Hex	18B065
RGB	24, 176, 101
RGB Percent	9%, 69%, 40%
CMY	0.9059, 0.3098, 0.6039
CMYK	0.86, 0.00, 0.43, 0.31
HSL	150°, 76%, 39%
HSV	150°, 86%, 69%
XYZ	18.2510, 32.1844, 17.5622
YIQ	122.0020, -66.5170, -55.5490

Conversions

Conversions Part 2

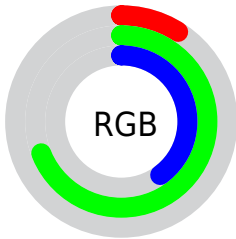
Format	Color
RYB	24, 125, 176
Decimal	1618021
CIELab	63.50, -54.19, 28.19
CIELCh	63, 61.085, 152.515
Yxy	32.1844, 0.2684, 0.4733
Android (android.graphics.Color)	4279808101 (0xFF18B065)
YUV	122.0020, -10.3540, -85.9478
Hunter-Lab	56.7313, -41.8548, 21.3576

Details

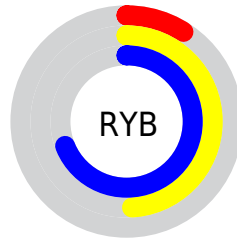
The Hex color **18B065** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B01863**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **63E999**, and **007A35** is the 20% darker color. If you saturate the color by 10%, you get **06B05C**, and if you desaturate by 10%, it is **2AB06E**.

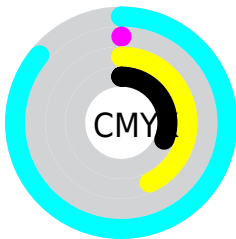
Distribution



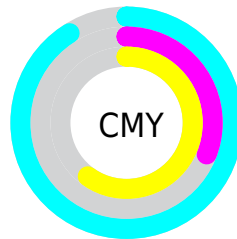
- Red (9%)
- Green (69%)
- Blue (40%)



- Red (9%)
- Yellow (49%)
- Blue (69%)



- Cyan (86%)
- Magenta (0%)
- Yellow (43%)
- Black (31%)



- Cyan (91%)
- Magenta (31%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18B065 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 18B065 by changing the saturation by 10% instead.

 18B065

 18B065

FFFFFF

 00954C

 63E999

 007A35

 82FFB4

 00601E

 A0FFD0

 004706

 BDF FEC

 003000

 DBFFFF

 001500

 FAFFFF

 000000

 18B065

 18B065

 06B05C

 2AB06E

■ 00B059

■ 3BB076

■ 4DB07F

■ 5EB088

■ 70B090

■ 82B099

■ 93B0A2

■ A5B0AA

■ B6B0B3

Harmonies

Analogous

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



7AA736



18B065



00B49D

Triad

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



18B065



009EFF



F86F62

Complementary

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



18B065



B01863

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.



FB6697



18B065



A189F6

Square

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



18B065



00ACFA



DF72CD



DD8437

Rectangle

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



18B065



00B4C2



DF72CD



FC6A73

Sweetspot

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



18B065



AAE6C8



64B018



4F7361



F2F2F2



737373

Same Dimension

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



18B065



00E674



18B0B0



505955



00994E



001A0D

Inverse Universe

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



B01863



E60071



B01818



595055



99004B



1A000D

Previews

White Background



This preview shows how the Hex color 18B065 looks on a white background.

Color Contrast Check

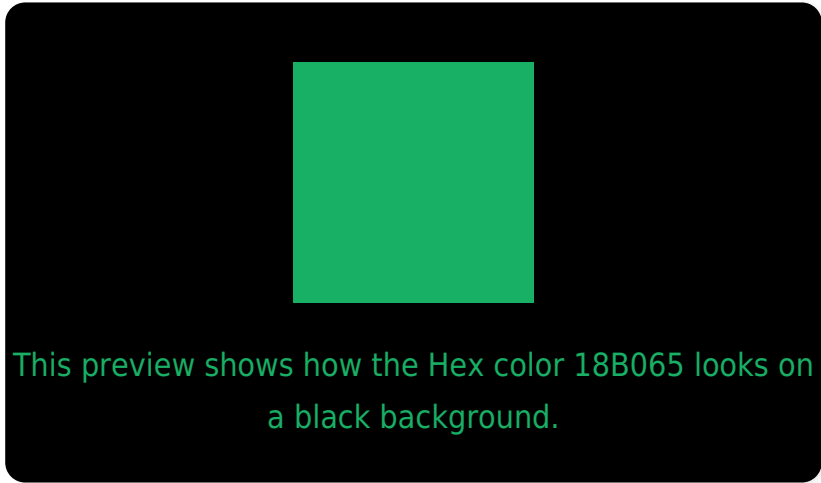
Large Text (above 18pt) WCAG AA × Fail

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

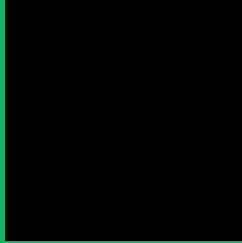
Any Text WCAG AA ✓ Pass

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 18B065 Background



This preview shows how black text looks on a background with the Hex color 18B065.

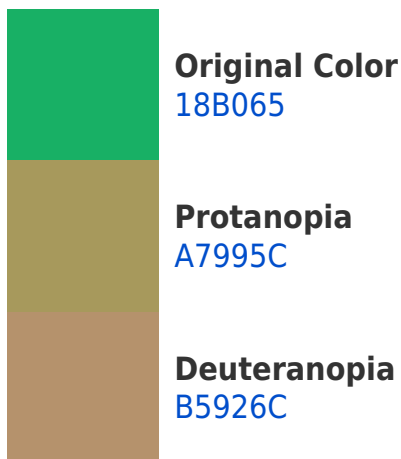


This preview shows how white text looks on a background with the Hex color 18B065.

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
44A7B4

Trichromacy



Original Color
18B065



Protanomaly
73A15F



Deuteranomaly
7C9D69



Tritanomaly
34AA97

Monochromacy



Original Color
18B065



Achromatopsia
7A7A7A



Achromatomaly
568E72

CSS Examples

Text

The CSS property to change the color of the text to Hex 18B065 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 #18B065 looks like.

```
.text, #text, p{  
    color:#18B065  
}
```

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 #18B065 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18B065
}
```

Border

The CSS property to change the border of an element to Hex 18B065 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
#18B065 }
```

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

```
.border{ border-color:#18B065 }
```

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

Here you see how a box with a 4 pixel #18B065 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18B065; -webkit-box-shadow:4px 4px  
4px 4px #18B065; box-shadow:4px 4px 4px  
4px #18B065 }
```

Background

The CSS property to change the background color of an element to Hex 18B065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18B065 }
```

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

```
.background{ background-color:#18B065 }
```

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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