

Converting Colors

Hex(18A461)

Have a look what the booklet for
Hex(18A461) contains.

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Color

Hex(18A461)

Conversions

Conversions Part 1

Format	Color
Hex	18A461
RGB	24, 164, 97
RGB Percent	9%, 64%, 38%
CMY	0.9059, 0.3569, 0.6196
CMYK	0.85, 0.00, 0.41, 0.36
HSL	151°, 74%, 37%
HSV	151°, 85%, 64%
XYZ	15.8098, 27.6082, 15.8049
YIQ	114.5020, -61.9330, -50.5170

Conversions

Conversions Part 2

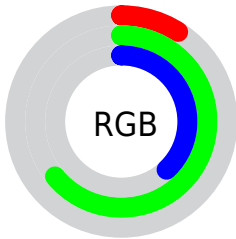
Format	Color
RYB	24, 116, 164
Decimal	1614945
CIELab	59.53, -50.59, 25.12
CIELCh	60, 56.488, 153.596
Yxy	27.6082, 0.2670, 0.4662
Android (android.graphics.Color)	4279805025 (0xFF18A461)
YUV	114.5020, -8.6285, -79.3703
Hunter-Lab	52.5435, -38.2422, 18.9462

Details

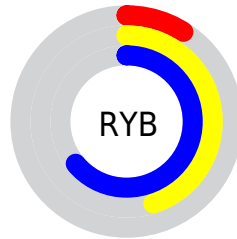
The Hex color **18A461** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A4185B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **60DC94**, and **006F31** is the 20% darker color. If you saturate the color by 10%, you get **08A459**, and if you desaturate by 10%, it is **28A469**.

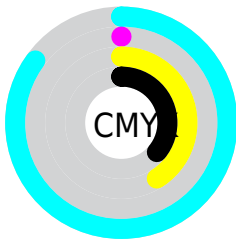
Distribution



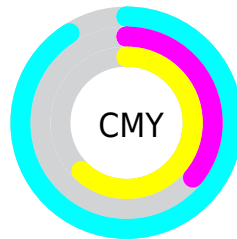
- Red (9%)
- Green (64%)
- Blue (38%)



- Red (9%)
- Yellow (45%)
- Blue (64%)



- Cyan (85%)
- Magenta (0%)
- Yellow (41%)
- Black (36%)



- Cyan (91%)
- Magenta (36%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18A461 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 18A461 by changing the saturation by 10% instead.

 18A461

 18A461


FFFFFF

 008949

 60DC94

 006F31

 7EF9AF

 00551B

 9BFFCB

 003D03

 B9FFE7

 002700

 D7FFFF

 000000

 F5FFFF

 18A461

 18A461

 08A459

 28A469

 00A456

 39A471

 49A479

 5AA480

 6AA488

 7AA490

 8BA498

 9BA4A0

 ACA4A8

Harmonies

Analogous

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



719C36



18A461



00A794

Triad

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



18A461



1E93F3



E5695B

Complementary

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



18A461



A4185B

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.



E8618B



18A461



9980E3

Square

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



18A461



00A0E8



D06BBC



CC7C34

Rectangle

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



18A461



00A7B6



D06BBC



E9656B

Sweetspot

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



18A461



9FD6BC



5CA418



4A6B5B



EBEBEB



6B6B6B

Same Dimension

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



18A461



00D670



18A2A4



49524E



00914C



001209

Inverse Universe

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



A4185B



D60067



A41A18



52494D



910046



120009

Previews

White Background



This preview shows how the Hex color 18A461 looks on a white background.

Color Contrast Check

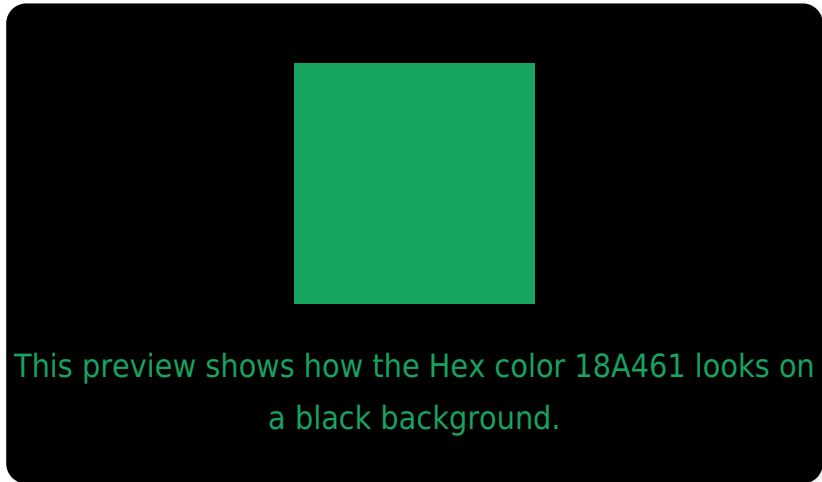
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 18A461 Background



This preview shows how black text looks on a background with the Hex color 18A461.



This preview shows how white text looks on a background with the Hex color 18A461.

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
3F9CA8

Trichromacy



Original Color
18A461



Protanomaly
6B965B



Deuteranomaly
749265



Tritanomaly
319F8E

Monochromacy



Original Color
18A461



Achromatopsia
737373



Achromatomaly
52856C

CSS Examples

Text

The CSS property to change the color of the text to Hex 18A461 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 #18A461 looks like.

```
.text, #text, p{  
    color:#18A461  
}
```

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 #18A461 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18A461
}
```

Border

The CSS property to change the border of an element to Hex 18A461 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
#18A461 }
```

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

```
.border{ border-color:#18A461 }
```

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

Here you see how a box with a 4 pixel #18A461 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18A461; -webkit-box-shadow:4px 4px  
4px 4px #18A461; box-shadow:4px 4px 4px  
4px #18A461 }
```

Background

The CSS property to change the background color of an element to Hex 18A461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18A461 }
```

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

```
.background{ background-color:#18A461 }
```

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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