

Converting Colors

Hex(18A85A)

Have a look what the booklet for
Hex(18A85A) contains.

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Color

Hex(18A85A)

Conversions

Conversions Part 1

Format	Color
Hex	18A85A
RGB	24, 168, 90
RGB Percent	9%, 66%, 35%
CMY	0.9059, 0.3412, 0.6471
CMYK	0.86, 0.00, 0.46, 0.34
HSL	148°, 75%, 38%
HSV	148°, 86%, 66%
XYZ	16.2248, 28.9376, 14.4032
YIQ	116.0520, -60.7860, -54.7860

Conversions

Conversions Part 2

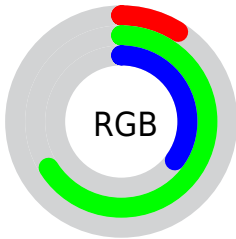
Format	Color
RYB	24, 123, 168
Decimal	1615962
CIELab	60.73, -53.35, 30.38
CIELCh	61, 61.398, 150.341
Yxy	28.9376, 0.2724, 0.4858
Android (android.graphics.Color)	4279806042 (0xFF18A85A)
YUV	116.0520, -12.8436, -80.7296
Hunter-Lab	53.7937, -40.3014, 21.7807

Details

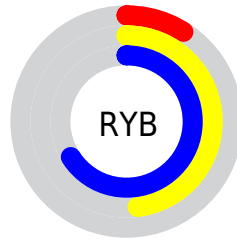
The Hex color **18A85A** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A81866**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **61E08D**, and **00722A** is the 20% darker color. If you saturate the color by 10%, you get **07A851**, and if you desaturate by 10%, it is **29A863**.

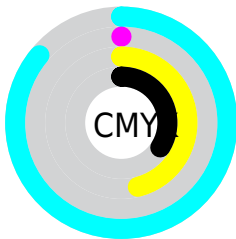
Distribution



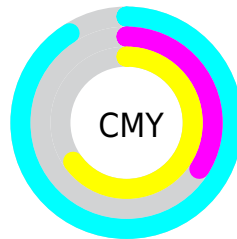
- Red (9%)
- Green (66%)
- Blue (35%)



- Red (9%)
- Yellow (48%)
- Blue (66%)



- Cyan (86%)
- Magenta (0%)
- Yellow (46%)
- Black (34%)



- Cyan (91%)
- Magenta (34%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18A85A 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 18A85A by changing the saturation by 10% instead.



18A85A



18A85A

FFFFFF



008D42



61E08D



00722A



7FFDA8



005912



9DFFC3



004000



BBFFE0



002A00



D8FFFC



000500



F6FFFF



000000



18A85A



18A85A



07A851



29A863

 00A84D

 3AA86C

 4AA875

 5BA87E

 6CA887

 7DA891

 8EA89A

 9EA8A3

 AFA8AC

Harmonies

Analogous

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



779F2B



18A85A



00AC91

Triad

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



18A85A



0099FF



F1665F

Complementary

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



18A85A



A81866

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.



F25E94



18A85A



9384F1

Square

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



18A85A



00A6F0



D46CC9



D77B32

Rectangle

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



18A85A



00ACB7



D46CC9



F46170

Sweetspot

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



18A85A



A2DBBC



67A818



4C6E5B



EDEDED



6E6E6E

Same Dimension

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



18A85A



00DB65



18A8A1



4C5450



009444



001409

Inverse Universe

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



A81866



DB0077



A8181F



544C50



940050



14000B

Previews

White Background



This preview shows how the Hex color 18A85A looks on a white background.

Color Contrast Check

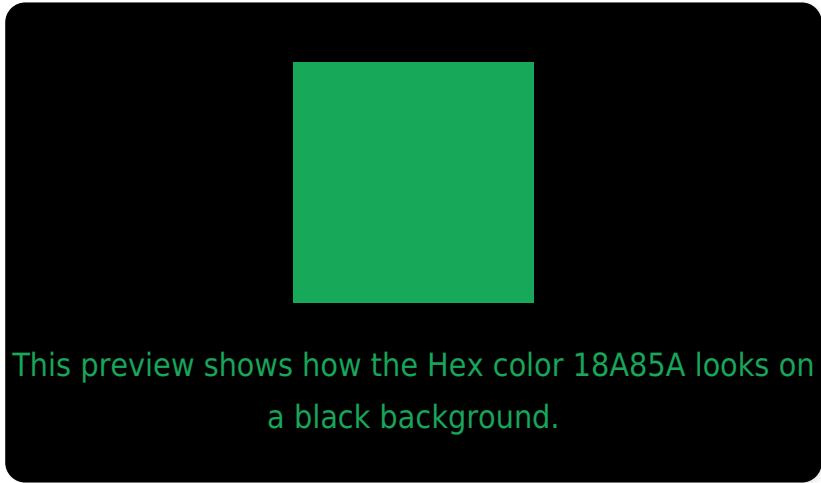
Large Text (above 18pt) WCAG AA ✓ Pass

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 18A85A Background



This preview shows how black text looks on a background with the Hex color 18A85A.



This preview shows how white text looks on a background with the Hex color 18A85A.

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

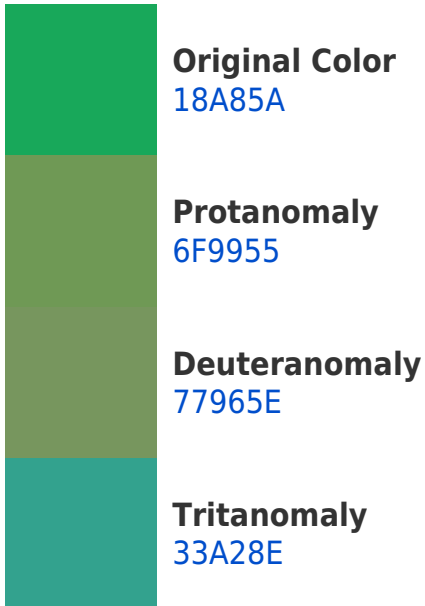


Original Color
18A85A

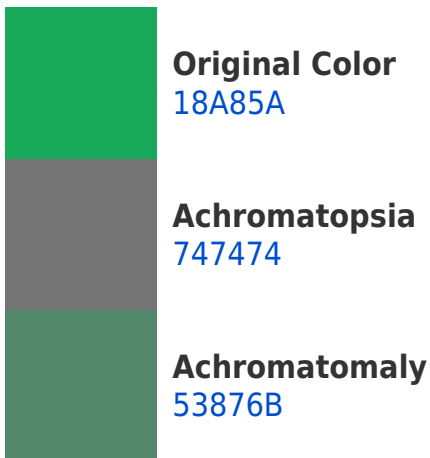
Protanopia
A09152

Deuteranopia
AE8B61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 18A85A 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 #18A85A looks like.

```
.text, #text, p{  
    color:#18A85A  
}
```

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 #18A85A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18A85A
}
```

Border

The CSS property to change the border of an element to Hex 18A85A 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
#18A85A }
```

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

```
.border{ border-color:#18A85A }
```

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

Here you see how a box with a 4 pixel #18A85A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18A85A; -webkit-box-shadow:4px 4px  
4px 4px #18A85A; box-shadow:4px 4px 4px  
4px #18A85A }
```

Background

The CSS property to change the background color of an element to Hex 18A85A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18A85A }
```

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

```
.background{ background-color:#18A85A }
```

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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