

Converting Colors

Hex(1AA670)

Have a look what the booklet for
Hex(1AA670) contains.

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Color

Hex(1AA670)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 1AA670 |
| RGB | 26, 166, 112 |
| RGB Percent | 10%, 65%, 44% |
| CMY | 0.8980, 0.3490, 0.5608 |
| CMYK | 0.84, 0.00, 0.33, 0.35 |
| HSL | 157°, 73%, 38% |
| HSV | 157°, 84%, 65% |
| XYZ | 16.9869, 28.6619, 19.9662 |
| YIQ | 117.9840, -66.1060, -46.4740 |

Conversions

Conversions Part 2

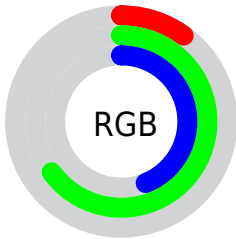
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 26, 113, 166 |
| Decimal | 1746544 |
| CIE Lab | 60.48, -48.02, 18.24 |
| CIE LCh | 60, 51.371, 159.202 |
| Yxy | 28.6619, 0.2589, 0.4368 |
| Android (android.graphics.Color) | 4279936624 (0xFF1AA670) |
| YUV | 117.9840, -2.9501, -80.6700 |
| Hunter-Lab | 53.5368, -37.0526, 15.3639 |

Details

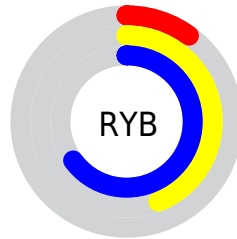
The Hex color **1AA670** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A61A50**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **62DEA4**, and **007140** is the 20% darker color. If you saturate the color by 10%, you get **09A66A**, and if you desaturate by 10%, it is **2BA676**.

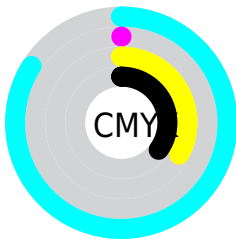
Distribution



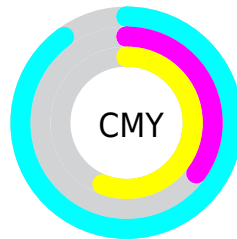
- Red (10%)
- Green (65%)
- Blue (44%)



- Red (10%)
- Yellow (44%)
- Blue (65%)



- Cyan (84%)
- Magenta (0%)
- Yellow (33%)
- Black (35%)



- Cyan (90%)
- Magenta (35%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1AA670 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 1AA670 by changing the saturation by 10% instead.

 1AA670

 1AA670

FFFFFF

 008B57

 62DEA4

 007140

 80FBBF

 005729

 9DFFDB

 003F14

 BAFBF8

 002900

 D8FFFF

 000300

 F6FFFF

 000000

 1AA670

 1AA670

 09A66A

 2BA676

■ 00A666

■ 3BA67D

■ 4CA683

■ 5CA68A

■ 6DA690

■ 7EA696

■ 8EA69D

■ 9FA6A3

■ AFA6AA

Harmonies

Analogous

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



6D9F48



1AA670



00A89F

Triad

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



1AA670



5892EB



DF735B

Complementary

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



1AA670



A61A50

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.



E56A86



1AA670



A780D8

Square

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



1AA670



009FE6



D46FB3



C5843B

Rectangle

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



1AA670



00A8BD



D46FB3



E36F68

Sweetspot

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



1AA670



A3D9C4



52A61A



4D6E61



EDEDED



6E6E6E

Same Dimension

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



1AA670



00D985



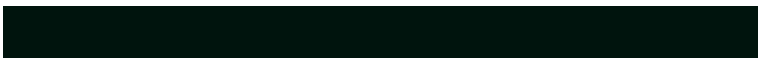
1A98A6



4C5451



00945B



00140D

Inverse Universe

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



A61A50



D90054



A6281A



544C4F



940039



140008

Previews

White Background



This preview shows how the Hex color 1AA670 looks on a white background.

Color Contrast Check

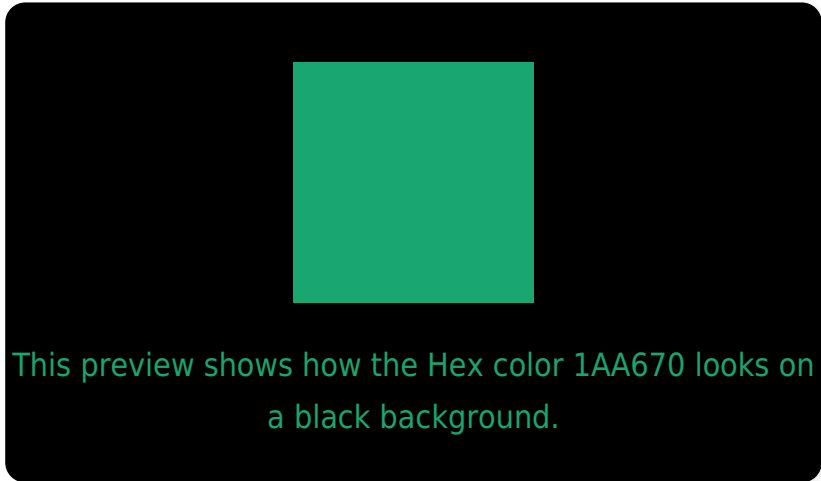
Large Text (above 18pt) WCAG AA ✓ Pass

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

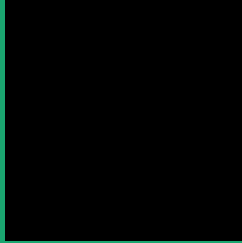
Any Text WCAG AA ✓ Pass

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 1AA670 Background



This preview shows how black text looks on a background with the Hex color 1AA670.

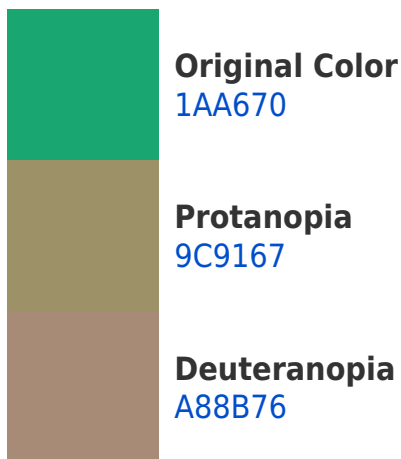


This preview shows how white text looks on a background with the Hex color 1AA670.

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
3D9FAB

Trichromacy



Original Color
1AA670



Protanomaly
6D996A



Deuteranomaly
749574



Tritanomaly
30A296

Monochromacy



Original Color
1AA670



Achromatopsia
767676



Achromatomaly
558774

CSS Examples

Text

The CSS property to change the color of the text to Hex 1AA670 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 #1AA670 looks like.

```
.text, #text, p{  
    color:#1AA670  
}
```

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 #1AA670 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AA670
}
```

Border

The CSS property to change the border of an element to Hex 1AA670 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
#1AA670 }
```

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

```
.border{ border-color:#1AA670 }
```

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

Here you see how a box with a 4 pixel #1AA670 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AA670; -webkit-box-shadow:4px 4px  
4px 4px #1AA670; box-shadow:4px 4px 4px  
4px #1AA670 }
```

Background

The CSS property to change the background color of an element to Hex 1AA670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AA670 }
```

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

```
.background{ background-color:#1AA670 }
```

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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