

Converting Colors

Hex(1AA76F)

Have a look what the booklet for
Hex(1AA76F) contains.

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Color

Hex(1AA76F)

Conversions

Conversions Part 1

Format	Color
Hex	1AA76F
RGB	26, 167, 111
RGB Percent	10%, 65%, 44%
CMY	0.8980, 0.3451, 0.5647
CMYK	0.84, 0.00, 0.34, 0.35
HSL	156°, 73%, 38%
HSV	156°, 84%, 65%
XYZ	17.1140, 29.0047, 19.7354
YIQ	118.4570, -66.0600, -47.3080

Conversions

Conversions Part 2

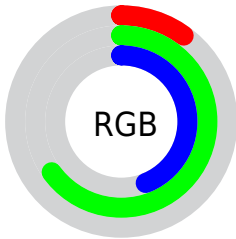
Format	Color
RYB	26, 114, 167
Decimal	1746799
CIELab	60.79, -48.63, 19.20
CIElCh	61, 52.286, 158.452
Yxy	29.0047, 0.2599, 0.4404
Android (android.graphics.Color)	4279936879 (0xFF1AA76F)
YUV	118.4570, -3.6763, -81.0848
Hunter-Lab	53.8561, -37.5257, 15.9726

Details

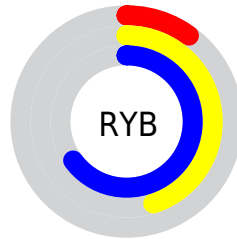
The Hex color **1AA76F** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A71A52**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **62DFA3**, and **00723F** is the 20% darker color. If you saturate the color by 10%, you get **09A768**, and if you desaturate by 10%, it is **2BA776**.

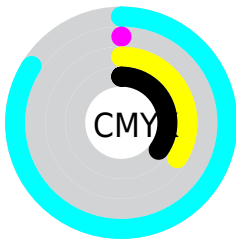
Distribution



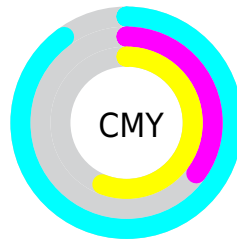
- Red (10%)
- Green (65%)
- Blue (44%)



- Red (10%)
- Yellow (45%)
- Blue (65%)



- Cyan (84%)
- Magenta (0%)
- Yellow (34%)
- Black (35%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 1AA76F 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 1AA76F by changing the saturation by 10% instead.

 1AA76F

 1AA76F

FFFFFF

 008C56

 62DFA3

 00723F

 80FCBE

 005828

 9DFFDA

 004013

 BBFFF7

 002A00

 D9FFFF

 000500

 F7FFFF

 000000

 1AA76F

 1AA76F

 09A768

 2BA776

■ 00A765

■ 3BA77C

■ 4CA783

■ 5DA78A

■ 6EA790

■ 7EA797

■ 8FA79D

■ A0A7A4

■ B0A7AB

Harmonies

Analogous

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



6EA046



1AA76F



00A99F

Triad

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



1AA76F



5493EE



E1735C

Complementary

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



1AA76F



A71A52

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.



E86987



1AA76F



A781DB

Square

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



1AA76F



00A1E8



D570B6



C7843B

Rectangle

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



1AA76F



00A9BD



D570B6



E66E69

Sweetspot

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



1AA76F



A3D9C3



52A71A



4D6E61



EDEDED



6E6E6E

Same Dimension

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



1AA76F



00D983



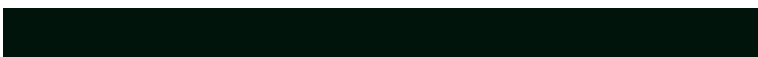
1A99A7



4C5451



009459



00140C

Inverse Universe

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



A71A52



D90056



A7281A



544C4F



94003B



140008

Previews

White Background



This preview shows how the Hex color 1AA76F looks on a white background.

Color Contrast Check

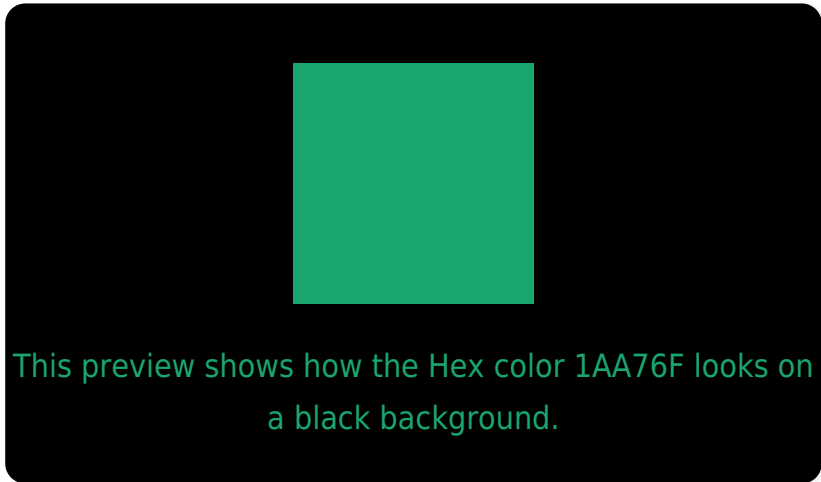
Large Text (above 18pt) WCAG AA ✓ Pass

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

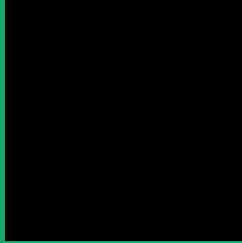
Any Text WCAG AA ✓ Pass

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 1AA76F Background



This preview shows how black text looks on a background with the Hex color 1AA76F.

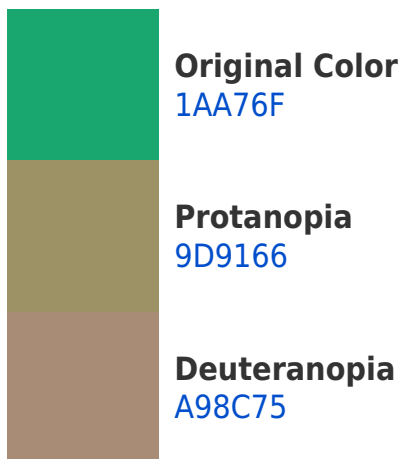


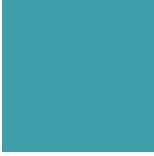
This preview shows how white text looks on a background with the Hex color 1AA76F.

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



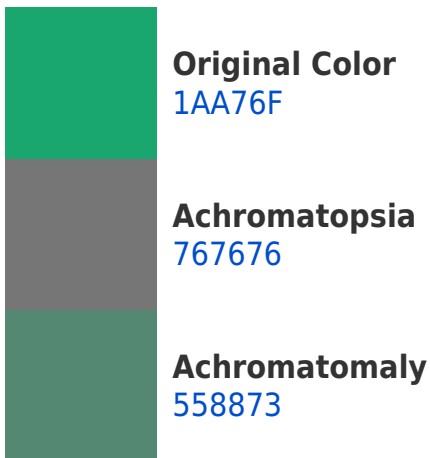


Tritanopia
3E9FAC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1AA76F 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 #1AA76F looks like.

```
.text, #text, p{  
    color:#1AA76F  
}
```

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 #1AA76F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AA76F
}
```

Border

The CSS property to change the border of an element to Hex 1AA76F 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
#1AA76F }
```

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

```
.border{ border-color:#1AA76F }
```

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

Here you see how a box with a 4 pixel #1AA76F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AA76F; -webkit-box-shadow:4px 4px  
4px 4px #1AA76F; box-shadow:4px 4px 4px  
4px #1AA76F }
```

Background

The CSS property to change the background color of an element to Hex 1AA76F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AA76F }
```

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

```
.background{ background-color:#1AA76F }
```

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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