

Converting Colors

Hex(1AA666)

Have a look what the booklet for
Hex(1AA666) contains.

Hex(1AA666)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1AA666)

Conversions

Conversions Part 1

Format	Color
Hex	1AA666
RGB	26, 166, 102
RGB Percent	10%, 65%, 40%
CMY	0.8980, 0.3490, 0.6000
CMYK	0.84, 0.00, 0.39, 0.35
HSL	153°, 73%, 38%
HSV	153°, 84%, 65%
XYZ	16.4605, 28.4514, 17.1945
YIQ	116.8440, -62.8960, -49.5840

Conversions

Conversions Part 2

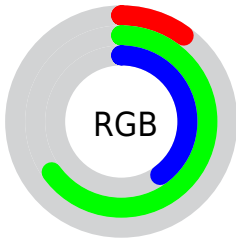
Format	Color
R_{YB}	26, 117, 166
Decimal	1746534
CIE _{Lab}	60.29, -50.15, 23.44
CIE _{LCh}	60, 55.361, 154.952
Yxy	28.4514, 0.2650, 0.4581
Android (android.graphics.Color)	4279936614 (0xFF1AA666)
YUV	116.8440, -7.3181, -79.6702
Hunter-Lab	53.3398, -38.2602, 18.2253

Details

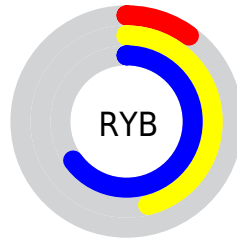
The Hex color **1AA666** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A61A5A**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **62DE9A**, and **007136** is the 20% darker color. If you saturate the color by 10%, you get **09A65E**, and if you desaturate by 10%, it is **2BA66E**.

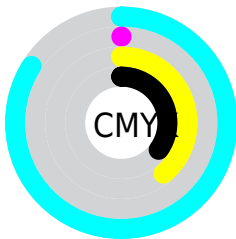
Distribution



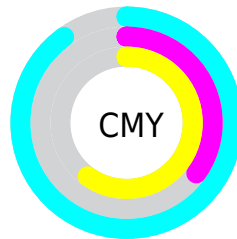
- Red (10%)
- Green (65%)
- Blue (40%)



- Red (10%)
- Yellow (46%)
- Blue (65%)



- Cyan (84%)
- Magenta (0%)
- Yellow (39%)
- Black (35%)



- Cyan (90%)
- Magenta (35%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1AA666 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 1AA666 by changing the saturation by 10% instead.



1AA666



1AA666

FFFFFF



008B4E



62DE9A



007136



7FFBB4



005720



9DFFD0



003F09



BAFFED



002900



D8FFFF



000200



F6FFFF



000000



1AA666



1AA666



09A65E



2BA66E

■ 00A65A

■ 3BA675

■ 4CA67D

■ 5CA684

■ 6DA68C

■ 7EA694

■ 8EA69B

■ 9FA6A3

■ AFA6AA

Harmonies

Analogous

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



719E3C



1AA666



00A998

Triad

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



1AA666



3594F3



E56D5C

Complementary

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



1AA666



A61A5A

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.



EA648B



1AA666



9E81E2

Square

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



1AA666



00A1E9



D36DBC



CC8037

Rectangle

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



1AA666



00A9B9



D36DBC



E9686B

Sweetspot

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



1AA666



A3D9C0



5BA61A



4D6E5F



EDEDED



6E6E6E

Same Dimension

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



1AA666



00D976



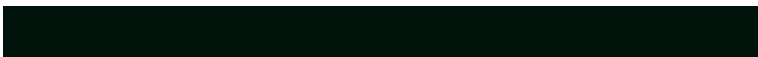
1AA1A6



4C5450



009450



00140B

Inverse Universe

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



A61A5A



D90063



A61F1A



544C50



940044



140009

Previews

White Background



This preview shows how the Hex color 1AA666 looks on a white background.

Color Contrast Check

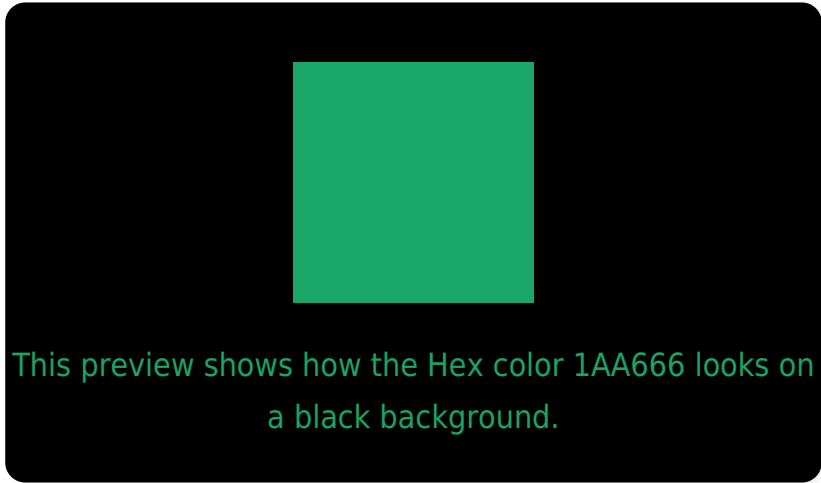
Large Text (above 18pt) WCAG AA ✓ Pass

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 1AA666 Background



This preview shows how black text looks on a background with the Hex color 1AA666.



This preview shows how white text looks on a background with the Hex color 1AA666.

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
1AA666

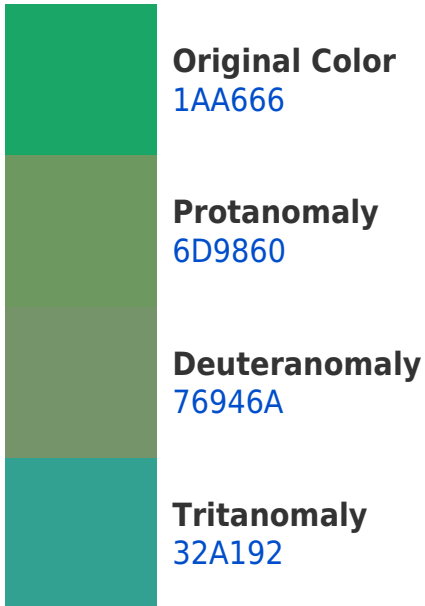
Protanopia
9D905D

Deuteranopia
AA8A6C

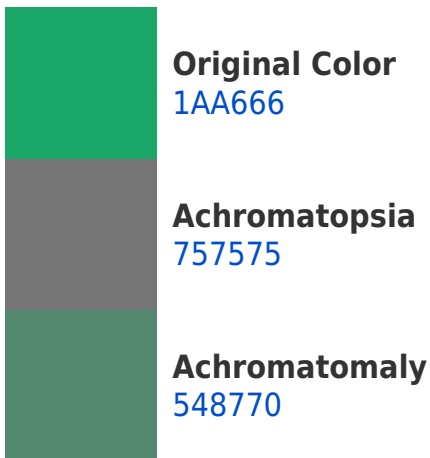


Tritanopia
409EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1AA666 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 #1AA666 looks like.

```
.text, #text, p{  
    color:#1AA666  
}
```

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 #1AA666 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AA666  
}
```

Border

The CSS property to change the border of an element to Hex 1AA666 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  
#1AA666 }
```

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

```
.border{ border-color:#1AA666 }
```

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

Here you see how a box with a 4 pixel #1AA666 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AA666; -webkit-box-shadow:4px 4px  
4px 4px #1AA666; box-shadow:4px 4px 4px  
4px #1AA666 }
```

Background

The CSS property to change the background color of an element to Hex 1AA666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AA666 }
```

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

```
.background{ background-color:#1AA666 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor