

# Converting Colors

Hex(15AA63)

Have a look what the booklet for  
Hex(15AA63) contains.

<b>Hex(15AA63)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(15AA63)**

# Conversions

## Conversions Part 1

Format	Color
Hex	15AA63
RGB	21, 170, 99
RGB Percent	8%, 67%, 39%
CMY	0.9176, 0.3333, 0.6118
CMYK	0.88, 0.00, 0.42, 0.33
HSL	151°, 78%, 37%
HSV	151°, 88%, 67%
XYZ	16.9361, 29.8097, 16.6656
YIQ	117.3550, -66.0130, -53.6690

# Conversions

## Conversions Part 2

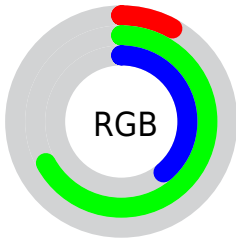
Format	Color
<b>RYB</b>	21, 119, 170
Decimal	1419875
CIELab	61.49, -52.65, 26.62
CIELCh	61, 58.995, 153.178
Yxy	29.8097, 0.2671, 0.4701
Android (android.graphics.Color)	4279609955 (0xFF15AA63)
YUV	117.3550, -9.0490, -84.5033
Hunter-Lab	54.5983, -40.1772, 20.1211

# Details

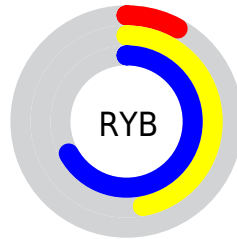
The Hex color **15AA63** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AA155C**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **61E297**, and **007433** is the 20% darker color. If you saturate the color by 10%, you get **04AA5B**, and if you desaturate by 10%, it is **26AA6B**.

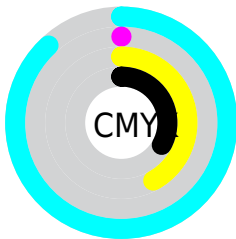
# Distribution



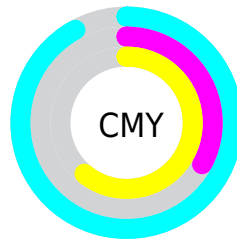
- Red (8%)
- Green (67%)
- Blue (39%)



- Red (8%)
- Yellow (47%)
- Blue (67%)



- Cyan (88%)
- Magenta (0%)
- Yellow (42%)
- Black (33%)



- Cyan (92%)
- Magenta (33%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 15AA63 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 15AA63 by changing the saturation by 10% instead.



 15AA63

 15AA63

FFFFFF

 008F4B

 61E297

 007433

 7FFFB1

 005B1C

 9DFFCD

 004205

 BAFFE9

 002C00

 D8FFFF

 000A00

 F6FFFF

 000000

 15AA63

 15AA63

 04AA5B

 26AA6B

■ 00AA59

■ 37AA73

■ 48AA7B

■ 59AA83

■ 6AAA8C

■ 7BAA94

■ 8CAA9C

■ 9DAAA4

■ AEAAAC

# Harmonies

## Analogous

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



75A236



15AA63



00AD99

# Triad

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



15AA63



0A99FD



EF6C5E

# Complementary

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



15AA63



AA155C

# 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.



F26391



15AA63



9D84EC

# Square

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



15AA63



00A6F1



D86EC5



D48035

# Rectangle

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



15AA63



00ADBC



D86EC5



F3676F



# Sweetspot

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



15AA63



A4DEC2



5DAA15



4D7060



F0F0F0



707070



# Same Dimension

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



15AA63



00DE74



15A8AA



4C5450



00944D



00140B



# Inverse Universe

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



AA155C



DE006A



AA1715



544C50



940046



14000A



# Previews

## White Background



This preview shows how the Hex color 15AA63 looks on a white background.

## Color Contrast Check

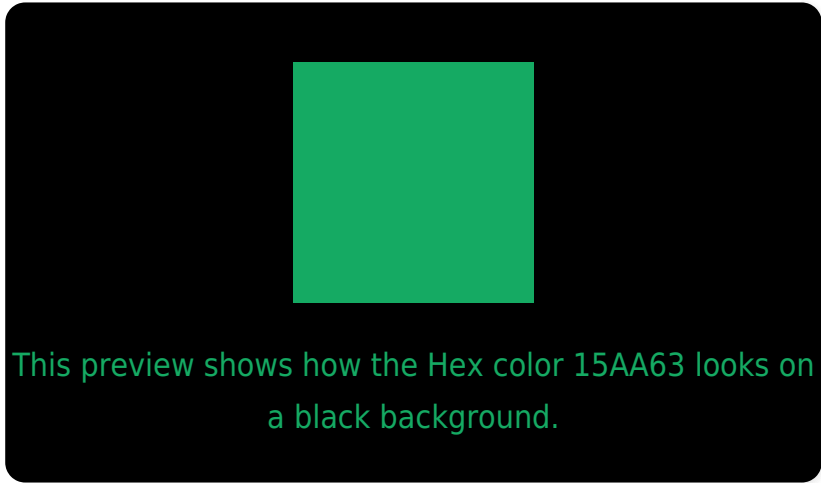
Large Text (above 18pt) WCAG AA ✓ Pass

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 15AA63 Background



This preview shows how black text looks on a background with the Hex color 15AA63.

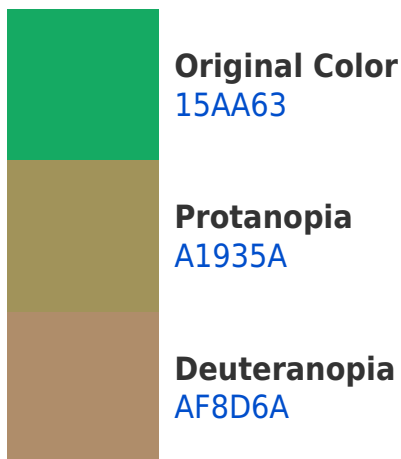


This preview shows how white text looks on a background with the Hex color 15AA63.

# 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](#).

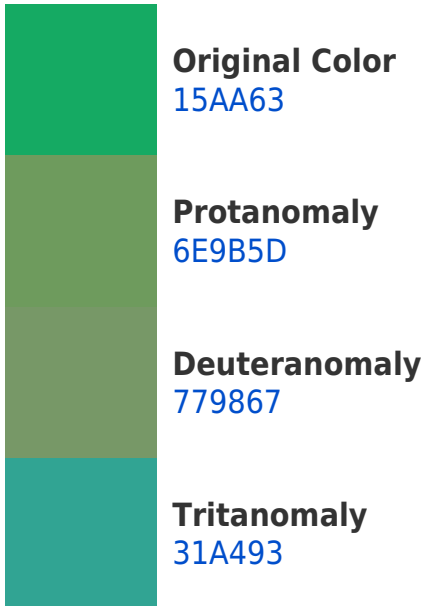
## Dichromacy





**Tritanopia**  
41A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 15AA63 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 #15AA63 looks like.

```
.text, #text, p{  
    color:#15AA63  
}
```

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 #15AA63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15AA63
}
```

## Border

The CSS property to change the border of an element to Hex 15AA63 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
#15AA63 }
```

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

```
.border{ border-color:#15AA63 }
```

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

Here you see how a box with a 4 pixel #15AA63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15AA63; -webkit-box-shadow:4px 4px  
4px 4px #15AA63; box-shadow:4px 4px 4px  
4px #15AA63 }
```

# Background

The CSS property to change the background color of an element to Hex 15AA63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15AA63 }
```

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

```
.background{ background-color:#15AA63 }
```

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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