

Converting Colors

Hex(15AA69)

Have a look what the booklet for
Hex(15AA69) contains.

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Color

Hex(15AA69)

Conversions

Conversions Part 1

Format	Color
Hex	15AA69
RGB	21, 170, 105
RGB Percent	8%, 67%, 41%
CMY	0.9176, 0.3333, 0.5882
CMYK	0.88, 0.00, 0.38, 0.33
HSL	154°, 78%, 37%
HSV	154°, 88%, 67%
XYZ	17.2338, 29.9288, 18.2331
YIQ	118.0390, -67.9390, -51.8030

Conversions

Conversions Part 2

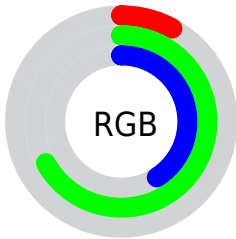
Format	Color
R_{YB}	21, 116, 170
Decimal	1419881
CIE _{Lab}	61.59, -51.45, 23.54
CIE _{LCh}	62, 56.583, 155.413
Yxy	29.9288, 0.2635, 0.4577
Android (android.graphics.Color)	4279609961 (0xFF15AA69)
YUV	118.0390, -6.4282, -85.1032
Hunter-Lab	54.7072, -39.5068, 18.5346

Details

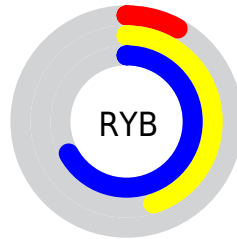
The Hex color **15AA69** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AA1556**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **61E29D**, and **007439** is the 20% darker color. If you saturate the color by 10%, you get **04AA62**, and if you desaturate by 10%, it is **26AA70**.

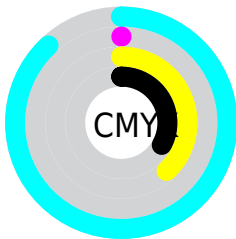
Distribution



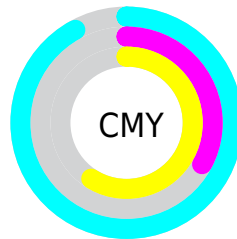
- Red (8%)
- Green (67%)
- Blue (41%)



- Red (8%)
- Yellow (45%)
- Blue (67%)



- Cyan (88%)
- Magenta (0%)
- Yellow (38%)
- Black (33%)



- Cyan (92%)
- Magenta (33%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15AA69 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 15AA69 by changing the saturation by 10% instead.



15AA69



15AA69

FFFFFF



008F50



61E29D



007439



7FFFB8



005B22



9DFFD4



00420C



BAFFF0



002C00



D8FFFF



000B00



F6FFFF



000000



15AA69



15AA69



04AA62



26AA70

 00AA60

 37AA78

 48AA7F

 59AA87

 6AAA8E

 7BAA95

 8CAA9D

 9DAAA4

 AEAAAC

Harmonies

Analogous

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



73A23E



15AA69



00AD9D

Triad

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



15AA69



3997F9



EB705D

Complementary

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



15AA69



AA1556

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.



EF668E



15AA69



A384E7

Square

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



15AA69



00A5EF



D96FBF



D08337

Rectangle

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



15AA69



00ADBE



D96FBF



EF6B6D

Sweetspot

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



15AA69



A4DEC5



58AA15



4D7061



F0F0F0



707070

Same Dimension

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



15AA69



00DE7D



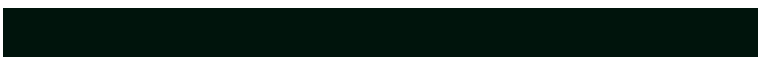
15A3AA



4C5450



009453



00140C

Inverse Universe

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



AA1556



DE0061



AA1C15



544C4F



940041



140009

Previews

White Background



This preview shows how the Hex color 15AA69 looks on a white background.

Color Contrast Check

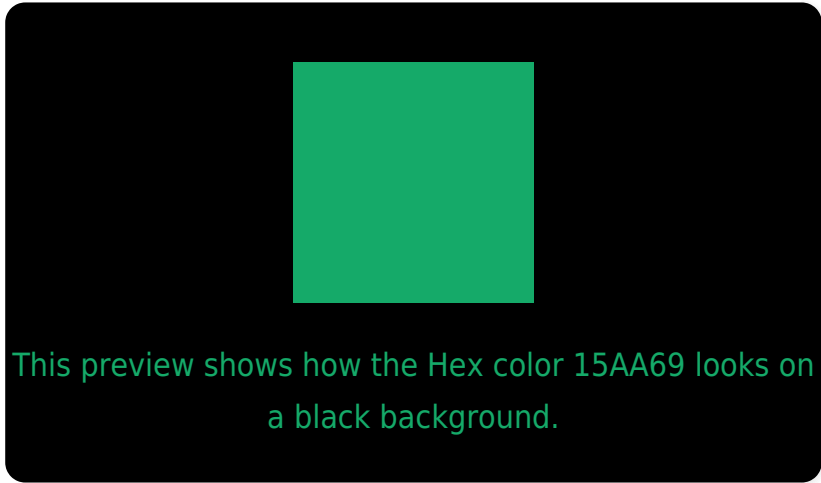
Large Text (above 18pt) WCAG AA ✓ Pass

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 15AA69 Background



This preview shows how black text looks on a background with the Hex color 15AA69.

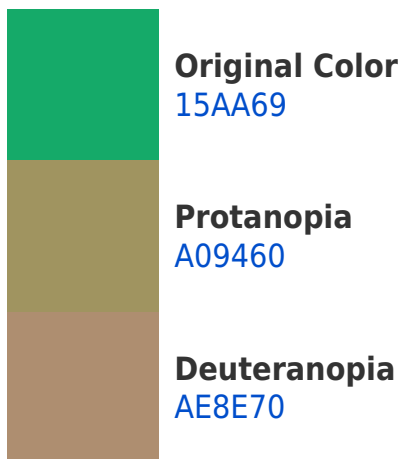


This preview shows how white text looks on a background with the Hex color 15AA69.

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
40A2AF

Trichromacy



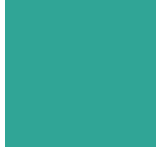
Original Color
15AA69



Protanomaly
6D9C63



Deuteranomaly
76986D



Tritanomaly
30A596

Monochromacy



Original Color
15AA69



Achromatopsia
767676



Achromatomaly
538971

CSS Examples

Text

The CSS property to change the color of the text to Hex 15AA69 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 #15AA69 looks like.

```
.text, #text, p{  
    color:#15AA69  
}
```

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 #15AA69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15AA69
}
```

Border

The CSS property to change the border of an element to Hex 15AA69 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
#15AA69 }
```

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

```
.border{ border-color:#15AA69 }
```

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

Here you see how a box with a 4 pixel #15AA69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15AA69; -webkit-box-shadow:4px 4px  
4px 4px #15AA69; box-shadow:4px 4px 4px  
4px #15AA69 }
```

Background

The CSS property to change the background color of an element to Hex 15AA69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15AA69 }
```

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

```
.background{ background-color:#15AA69 }
```

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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