

Converting Colors

Hex(15A561)

Have a look what the booklet for
Hex(15A561) contains.

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Color

Hex(15A561)

Conversions

Conversions Part 1

Format	Color
Hex	15A561
RGB	21, 165, 97
RGB Percent	8%, 65%, 38%
CMY	0.9176, 0.3529, 0.6196
CMYK	0.87, 0.00, 0.41, 0.35
HSL	152°, 77%, 36%
HSV	152°, 87%, 65%
XYZ	15.9221, 27.9328, 15.8616
YIQ	114.1920, -63.9960, -51.6760

Conversions

Conversions Part 2

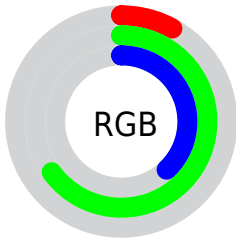
Format	Color
RYB	21, 115, 165
Decimal	1418593
CIELab	59.83, -51.22, 25.50
CIELCh	60, 57.215, 153.529
Yxy	27.9328, 0.2666, 0.4678
Android (android.graphics.Color)	4279608673 (0xFF15A561)
YUV	114.1920, -8.4757, -81.7294
Hunter-Lab	52.8515, -38.7150, 19.2021

Details

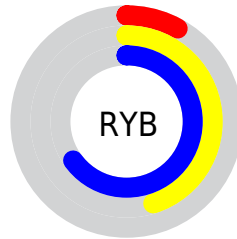
The Hex color **15A561** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A51559**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **5FDD94**, and **007031** is the 20% darker color. If you saturate the color by 10%, you get **05A559**, and if you desaturate by 10%, it is **26A569**.

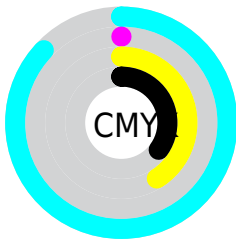
Distribution



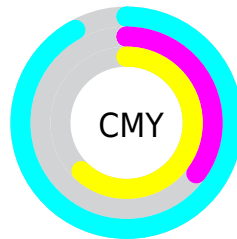
- Red (8%)
- Green (65%)
- Blue (38%)



- Red (8%)
- Yellow (45%)
- Blue (65%)



- Cyan (87%)
- Magenta (0%)
- Yellow (41%)
- Black (35%)



- Cyan (92%)
- Magenta (35%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15A561 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 15A561 by changing the saturation by 10% instead.

 15A561

 15A561

FFFFFF

 008A49

 5FDD94

 007031

 7DFAAF

 00561B

 9BFFCB

 003E03

 B8FFE7

 002700

 D6FFFF

 000000

 F4FFFF

 15A561

 15A561

 05A559

 26A569

■ 00A557

■ 36A571

■ 47A578

■ 57A580

■ 68A588

■ 78A590

■ 89A598

■ 99A59F

■ AAA5A7

Harmonies

Analogous

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



719D36



15A561



00A895

Triad

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



15A561



1894F5



E7695B

Complementary

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



15A561



A51559

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.



EA618C



15A561



9980E5

Square

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



15A561



00A1EA



D26BBE



CE7D34

Rectangle

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



15A561



00A8B7



D26BBE



EB656B

Sweetspot

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



15A561



9FD6BC



5BA515



4A6B5B



EBEBEB



6B6B6B

Same Dimension

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



15A561



00D671



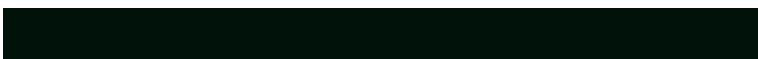
15A3A5



49524E



00914D



001209

Inverse Universe

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



A51559



D60065



A51715



52494D



910045



120008

Previews

White Background



This preview shows how the Hex color 15A561 looks on a white background.

Color Contrast Check

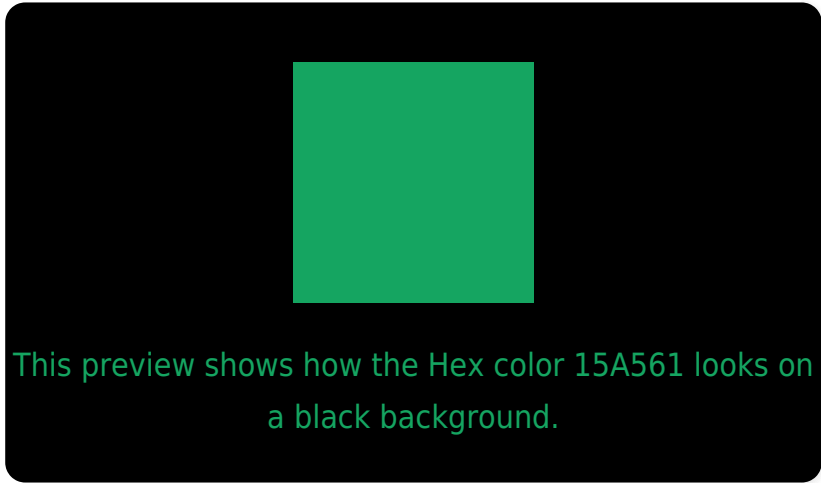
Large Text (above 18pt) WCAG AA ✓ Pass

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

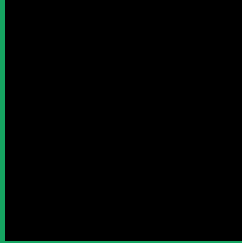
Any Text WCAG AA ✓ Pass

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 15A561 Background



This preview shows how black text looks on a background with the Hex color 15A561.

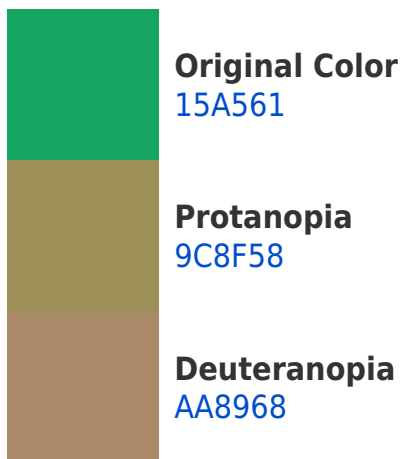


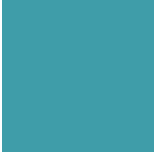
This preview shows how white text looks on a background with the Hex color 15A561.

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
3F9DA9

Trichromacy



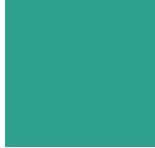
Original Color
15A561



Protanomaly
6B975B



Deuteranomaly
749365



Tritanomaly
30A08F

Monochromacy



Original Color
15A561



Achromatopsia
727272



Achromatomaly
50856C

CSS Examples

Text

The CSS property to change the color of the text to Hex 15A561 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 #15A561 looks like.

```
.text, #text, p{  
    color:#15A561  
}
```

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 #15A561 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15A561
}
```

Border

The CSS property to change the border of an element to Hex 15A561 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
#15A561 }
```

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

```
.border{ border-color:#15A561 }
```

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

Here you see how a box with a 4 pixel #15A561 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15A561; -webkit-box-shadow:4px 4px  
4px 4px #15A561; box-shadow:4px 4px 4px  
4px #15A561 }
```

Background

The CSS property to change the background color of an element to Hex 15A561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15A561 }
```

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

```
.background{ background-color:#15A561 }
```

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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