

Converting Colors

Hex(19A537)

Have a look what the booklet for
Hex(19A537) contains.

Hex(19A537)	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(19A537)

Conversions

Conversions Part 1

Format	Color
Hex	19A537
RGB	25, 165, 55
RGB Percent	10%, 65%, 22%
CMY	0.9020, 0.3529, 0.7843
CMYK	0.85, 0.00, 0.67, 0.35
HSL	133°, 74%, 37%
HSV	133°, 85%, 65%
XYZ	14.5456, 27.3928, 8.1351
YIQ	110.6000, -48.1300, -63.8900

Conversions

Conversions Part 2

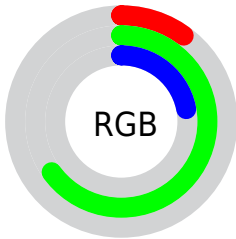
Format	Color
RYB	25, 140, 165
Decimal	1680695
CIELab	59.34, -57.28, 45.65
CIELCh	59, 73.248, 141.444
Yxy	27.3928, 0.2905, 0.5471
Android (android.graphics.Color)	4279870775 (0xFF19A537)
YUV	110.6000, -27.4108, -75.0712
Hunter-Lab	52.3381, -41.9836, 27.4210

Details

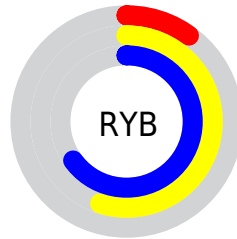
The Hex color **19A537** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A51987**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **62DD6B**, and **006F00** is the 20% darker color. If you saturate the color by 10%, you get **08A52A**, and if you desaturate by 10%, it is **2AA544**.

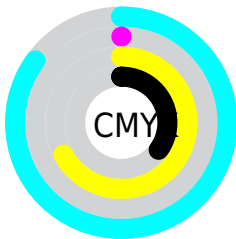
Distribution



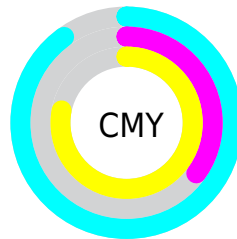
- Red (10%)
- Green (65%)
- Blue (22%)



- Red (10%)
- Yellow (55%)
- Blue (65%)



- Cyan (85%)
- Magenta (0%)
- Yellow (67%)
- Black (35%)



- Cyan (90%)
- Magenta (35%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19A537 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 19A537 by changing the saturation by 10% instead.

 19A537

 19A537

FFFFFF

 008A1C

 62DD6B

 006F00

 80FA85

 005600

 9EFFA0

 003D00

 BCFFBC

 002600

 DAFFD8

 000000

 F8FFF5

 19A537

 19A537

 08A52A

 2AA544

 00A523

 3AA551

 4AA55E

 5BA56B

 6CA578

 7CA585

 8CA592

 9DA59F

 ADA5AC

Harmonies

Analogous

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



809900



19A537



00AB7A

Triad

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



19A537



009CFF



FF4C64

Complementary

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



19A537



A51987

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.



F74AA4



19A537



6286FF

Square

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



19A537



00A8F3



C966E0



E86927

Rectangle

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



19A537



00ACA7



C966E0



FF4779

Sweetspot

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



19A537



A1D6AC



89A519



4B6B52



EBEBEB



6B6B6B

Same Dimension

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



19A537



00D62E



19A57B



49524B



00911F



001204

Inverse Universe

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



A51987



D600A8



A51943



524950



910072



12000E

Previews

White Background



This preview shows how the Hex color 19A537 looks on a white background.

Color Contrast Check

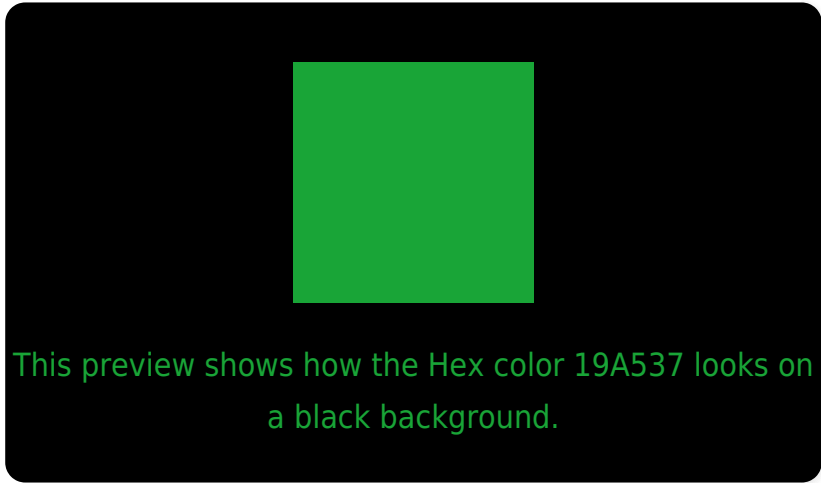
Large Text (above 18pt) WCAG AA ✓ Pass

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 19A537 Background



This preview shows how black text looks on a background with the Hex color 19A537.

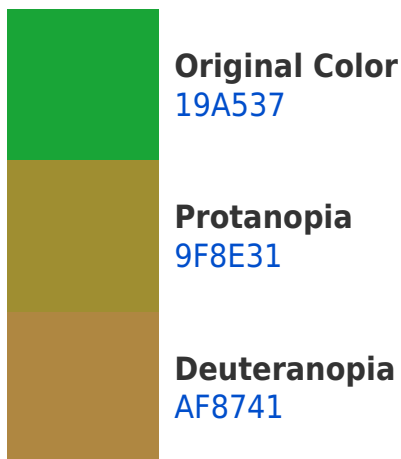


This preview shows how white text looks on a background with the Hex color 19A537.

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
469AA7

Trichromacy



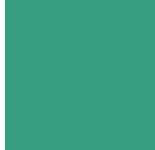
Original Color
19A537



Protanomaly
6E9633



Deuteranomaly
78923D



Tritanomaly
369E7E

Monochromacy



Original Color
19A537



Achromatopsia
6F6F6F



Achromatomaly
50835B

CSS Examples

Text

The CSS property to change the color of the text to Hex 19A537 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 #19A537 looks like.

```
.text, #text, p{  
    color:#19A537  
}
```

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 #19A537 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19A537
}
```

Border

The CSS property to change the border of an element to Hex 19A537 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
#19A537 }
```

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

```
.border{ border-color:#19A537 }
```

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

Here you see how a box with a 4 pixel #19A537 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19A537; -webkit-box-shadow:4px 4px  
4px 4px #19A537; box-shadow:4px 4px 4px  
4px #19A537 }
```

Background

The CSS property to change the background color of an element to Hex 19A537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19A537 }
```

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

```
.background{ background-color:#19A537 }
```

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