

Converting Colors

Hex(19AF00)

Have a look what the booklet for
Hex(19AF00) contains.

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Color

Hex(19AF00)

Conversions

Conversions Part 1

Format	Color
Hex	19AF00
RGB	25, 175, 0
RGB Percent	10%, 69%, 0%
CMY	0.9020, 0.3137, 1.0000
CMYK	0.86, 0.00, 1.00, 0.31
HSL	111°, 100%, 34%
HSV	111°, 100%, 69%
XYZ	15.7309, 30.8666, 5.1288
YIQ	110.2000, -33.2250, -86.2250

Conversions

Conversions Part 2

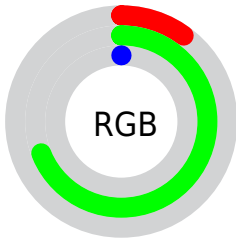
Format	Color
RYB	0, 175, 150
Decimal	1683200
CIELab	62.39, -63.39, 62.93
CIELCh	62, 89.324, 135.206
Yxy	30.8666, 0.3041, 0.5967
Android (android.graphics.Color)	4279873280 (0xFF19AF00)
YUV	110.2000, -54.3286, -74.7204
Hunter-Lab	55.5577, -46.6847, 33.4171

Details

The Hex color **19AF00** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **9600AF**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **67E84B**, and **007900** is the 20% darker color. If you saturate the color by 10%, you get **19AF00**, and if you desaturate by 10%, it is **28AF11**.

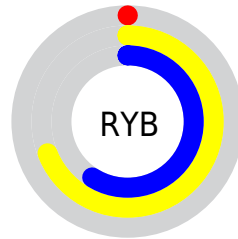
Distribution



Red (10%)

Green (69%)

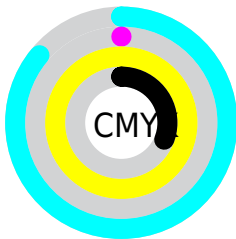
Blue (0%)



Red (0%)

Yellow (69%)

Blue (59%)

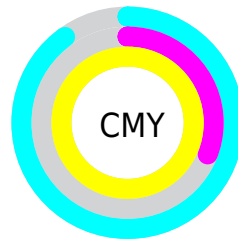


Cyan (86%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (90%)

Magenta (31%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19AF00 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 19AF00 by changing the saturation by 10% instead.

 19AF00


 19AF00

FFFFFF

 009400

 67E84B

 007900

 86FF67

 005F00

 A5FF83

 004500

 C3FF9F

 002E00

 E1FFBB

 000F00

 FFFFD8

 000000

 FFFFF5

 19AF00

 28AF11

 37AF23

 46AF35

 55AF46

 64AF58

 73AF69

 82AF7A

 91AF8C

 A0AF9E

Harmonies

Analogous

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



91A000



19AF00



00B66B

Triad

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



19AF00



00ACFF



FF2C73

Complementary

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



19AF00



9600AF

Split Complementary

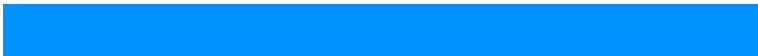
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF37C2



19AF00



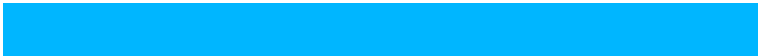
0093FF

Square

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



19AF00



00B6FF



CA6BFF



FF5C24

Rectangle

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



19AF00



00B8A3



CA6BFF



FF248D

Sweetspot

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



19AF00



A9E39F



AF9500



4F7349



F2F2F2



737373

Same Dimension

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



19AF00



20E300



00AF3D



4F574E



159600



031700

Inverse Universe

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



9600AF



C300E3



AF0072



554E57



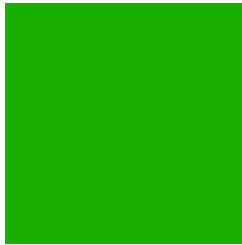
810096



140017

Previews

White Background



This preview shows how the Hex color 19AF00 looks on a white background.

Color Contrast Check

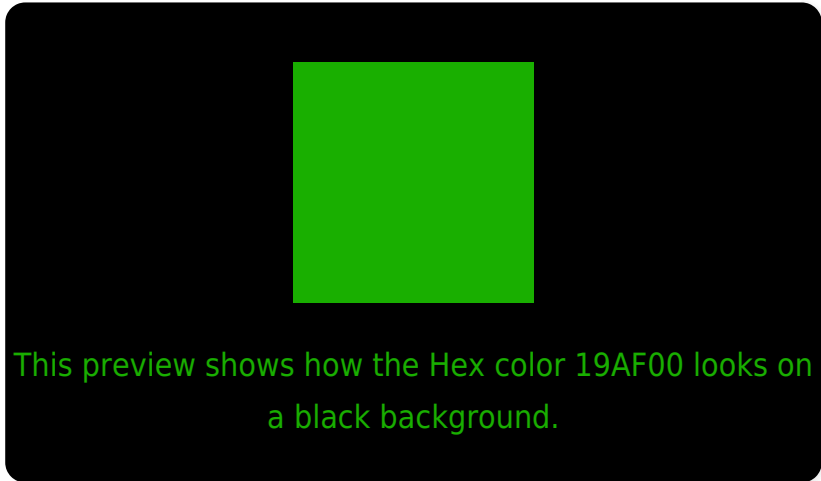
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 19AF00 Background



This preview shows how black text looks on a background with the Hex color 19AF00.

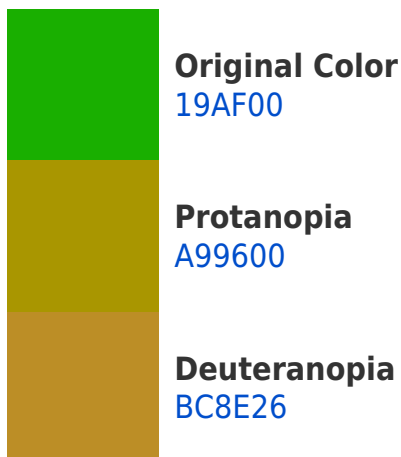


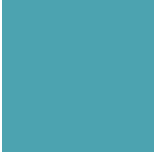
This preview shows how white text looks on a background with the Hex color 19AF00.

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
4CA3B0

Trichromacy



Original Color
19AF00



Protanomaly
759F00



Deuteranomaly
819A18



Tritanomaly
39A770

Monochromacy



Original Color
19AF00



Achromatopsia
6E6E6E



Achromatomaly
4F8646

CSS Examples

Text

The CSS property to change the color of the text to Hex 19AF00 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 #19AF00 looks like.

```
.text, #text, p{  
    color:#19AF00  
}
```

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 #19AF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19AF00
}
```

Border

The CSS property to change the border of an element to Hex 19AF00 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
#19AF00 }
```

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

```
.border{ border-color:#19AF00 }
```

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

Here you see how a box with a 4 pixel #19AF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19AF00; -webkit-box-shadow:4px 4px  
4px 4px #19AF00; box-shadow:4px 4px 4px  
4px #19AF00 }
```

Background

The CSS property to change the background color of an element to Hex 19AF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19AF00 }
```

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

```
.background{ background-color:#19AF00 }
```

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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