

Converting Colors

Hex(19AA30)

Have a look what the booklet for
Hex(19AA30) contains.

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Color

Hex(19AA30)

Conversions

Conversions Part 1

Format	Color
Hex	19AA30
RGB	25, 170, 48
RGB Percent	10%, 67%, 19%
CMY	0.9020, 0.3333, 0.8118
CMYK	0.85, 0.00, 0.72, 0.33
HSL	130°, 74%, 38%
HSV	130°, 85%, 67%
XYZ	15.3091, 29.1695, 7.6197
YIQ	112.7370, -47.2580, -68.6820

Conversions

Conversions Part 2

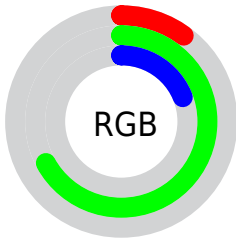
Format	Color
RYB	25, 150, 170
Decimal	1681968
CIELab	60.93, -59.55, 50.22
CIELCh	61, 77.903, 139.859
Yxy	29.1695, 0.2939, 0.5599
Android (android.graphics.Color)	4279872048 (0xFF19AA30)
YUV	112.7370, -31.9153, -76.9453
Hunter-Lab	54.0088, -43.9185, 29.4414

Details

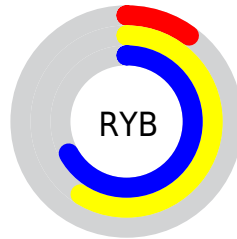
The Hex color **19AA30** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AA1993**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **64E365**, and **007400** is the 20% darker color. If you saturate the color by 10%, you get **08AA22**, and if you desaturate by 10%, it is **2AAA3E**.

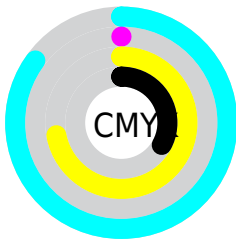
Distribution



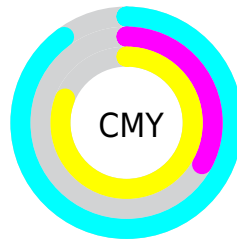
- Red (10%)
- Green (67%)
- Blue (19%)



- Red (10%)
- Yellow (59%)
- Blue (67%)



- Cyan (85%)
- Magenta (0%)
- Yellow (72%)
- Black (33%)



- Cyan (90%)
- Magenta (33%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19AA30 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 19AA30 by changing the saturation by 10% instead.

 19AA30

 19AA30

FFFFFF

 008F11

 64E365

 007400

 83FF80

 005A00

 A0FF9B

 004100

 BEFFB7

 002A00

 DCFFD3

 000600

 FBFFF0

 000000

 19AA30

 19AA30

 08AA22

 2AAA3E

■ 00AA1B

■ 3BAA4D

■ 4CAA5B

■ 5DAA69

■ 6EAA78

■ 7FAA86

■ 90AA94

■ A1AAA2

■ B2AAB1

Harmonies

Analogous

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



869D00



19AA30



00B078

Triad

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



19AA30



00A2FF



FF4869

Complementary

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



19AA30



AA1993

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.



FF47AD



19AA30



558BFF

Square

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



19AA30



00AEFC



CD69ED



F36827

Rectangle

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



19AA30



00B2A9



CD69ED



FF427F

Sweetspot

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



19AA30



A4DEAD



94AA19



4D7053



F0F0F0



707070

Same Dimension

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



19AA30



00DE23



19AA77



4C544D



009417



001403

Inverse Universe

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



AA1993



DE00BB



AA194C



544C53



94007C



140011

Previews

White Background



This preview shows how the Hex color 19AA30 looks on a white background.

Color Contrast Check

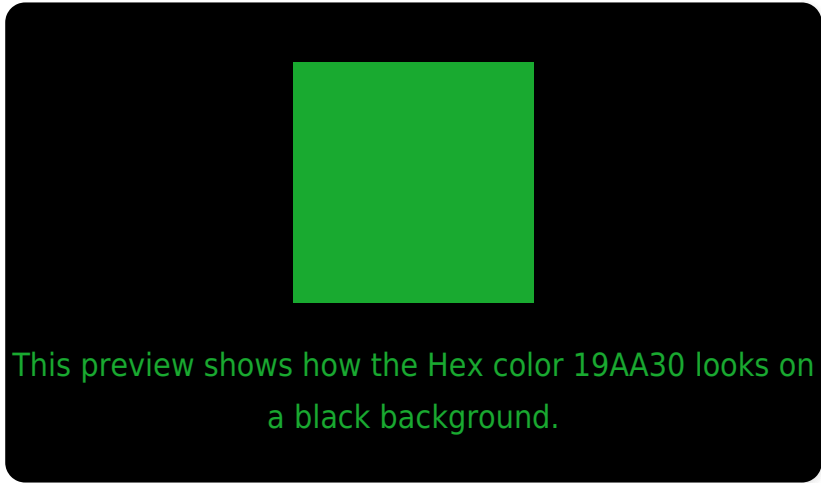
Large Text (above 18pt) WCAG AA ✓ Pass

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 19AA30 Background



This preview shows how black text looks on a background with the Hex color 19AA30.



This preview shows how white text looks on a background with the Hex color 19AA30.

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



Original Color
19AA30

Protanopia
A4922A

Deuteranopia
B58B3C

Trichromacy



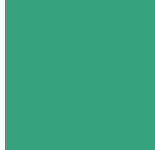
Original Color
19AA30



Protanomaly
719B2C



Deuteranomaly
7C9638



Tritanomaly
38A37F

Monochromacy



Original Color
19AA30



Achromatopsia
717171



Achromatomaly
518659

CSS Examples

Text

The CSS property to change the color of the text to Hex 19AA30 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 #19AA30 looks like.

```
.text, #text, p{  
    color:#19AA30  
}
```

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 #19AA30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19AA30
}
```

Border

The CSS property to change the border of an element to Hex 19AA30 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
#19AA30 }
```

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

```
.border{ border-color:#19AA30 }
```

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

Here you see how a box with a 4 pixel #19AA30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19AA30; -webkit-box-shadow:4px 4px  
4px 4px #19AA30; box-shadow:4px 4px 4px  
4px #19AA30 }
```

Background

The CSS property to change the background color of an element to Hex 19AA30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19AA30 }
```

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

```
.background{ background-color:#19AA30 }
```

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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