

Converting Colors

Hex(13AB19)

Have a look what the booklet for
Hex(13AB19) contains.

Hex(13AB19)	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(13AB19)

Conversions

Conversions Part 1

Format	Color
Hex	13AB19
RGB	19, 171, 25
RGB Percent	7%, 67%, 10%
CMY	0.9255, 0.3294, 0.9020
CMYK	0.89, 0.00, 0.85, 0.33
HSL	122°, 80%, 37%
HSV	122°, 89%, 67%
XYZ	15.0069, 29.3345, 5.7909
YIQ	108.9080, -43.7260, -77.6300

Conversions

Conversions Part 2

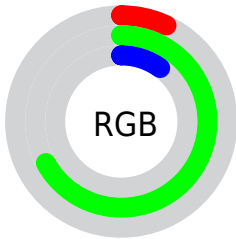
Format	Color
RYB	19, 165, 171
Decimal	1288985
CIELab	61.08, -61.98, 57.68
CIELCh	61, 84.664, 137.060
Yxy	29.3345, 0.2993, 0.5851
Android (android.graphics.Color)	4279479065 (0xFF13AB19)
YUV	108.9080, -41.3666, -78.8493
Hunter-Lab	54.1613, -45.3237, 31.5737

Details

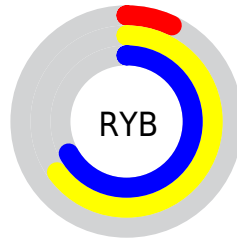
The Hex color **13AB19** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AB13A5**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **63E454**, and **007500** is the 20% darker color. If you saturate the color by 10%, you get **02AB09**, and if you desaturate by 10%, it is **24AB29**.

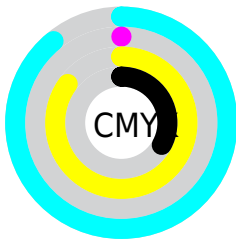
Distribution



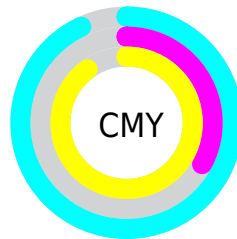
- Red (7%)
- Green (67%)
- Blue (10%)



- Red (7%)
- Yellow (65%)
- Blue (67%)



- Cyan (89%)
- Magenta (0%)
- Yellow (85%)
- Black (33%)



- Cyan (93%)
- Magenta (33%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13AB19 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 13AB19 by changing the saturation by 10% instead.



13AB19



13AB19

FFFFFF



009000



63E454



007500



82FF70



005B00



A0FF8B



004200



BFFFA7



002B00



DDFFC3



000700



FBFEE0



000000



FFFFFFD



13AB19



13AB19

■ 02AB09

■ 24AB29

■ 00AB07

■ 35AB3A

■ 46AB4A

■ 57AB5B

■ 68AB6B

■ 7AAB7C

■ 8BAB8C

■ 9CAB9C

■ ADABAD

Harmonies

Analogous

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



8A9D00



13AB19



00B26F

Triad

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



13AB19



00A6FF



FF376D

Complementary

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



13AB19



AB13A5

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.



FF3CB7



13AB19



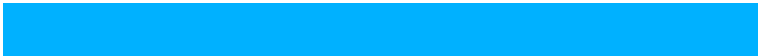
158EFF

Square

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



13AB19



00B1FF



CA68FB



FD5F23

Rectangle

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



13AB19



00B4A4



CA68FB



FF3085

Sweetspot

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



13AB19



A2DEA4



A6AB13



4C704E



F0F0F0



707070

Same Dimension

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



13AB19



00DE09



13AB64



4E574E



009606



001701

Inverse Universe

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



AB13A5



DE00D5



AB135A



574E56



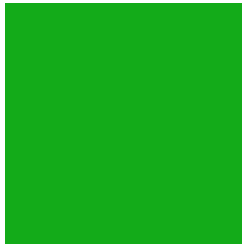
960091



170016

Previews

White Background



This preview shows how the Hex color 13AB19 looks on a white background.

Color Contrast Check

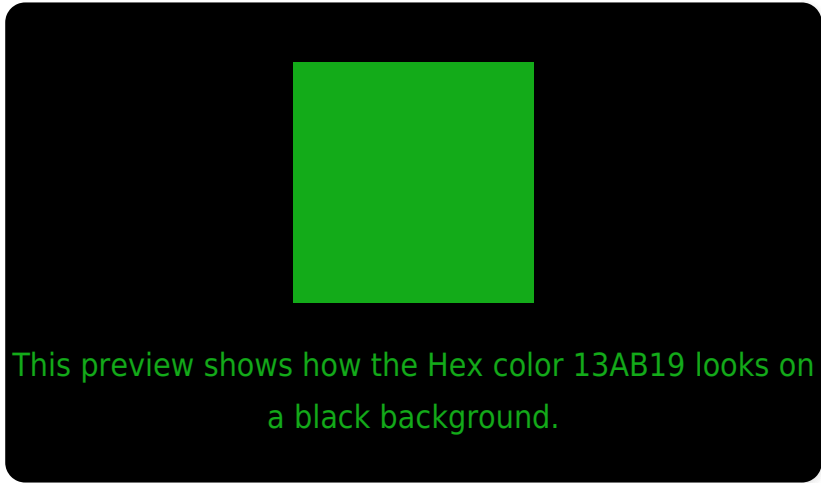
Large Text (above 18pt) WCAG AA ✓ Pass

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 13AB19 Background



This preview shows how black text looks on a background with the Hex color 13AB19.



This preview shows how white text looks on a background with the Hex color 13AB19.

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
13AB19

Protanopia
A59312

Deuteranopia
B78B2C

Trichromacy



Original Color
13AB19



Protanomaly
709C15



Deuteranomaly
7B9725



Tritanomaly
35A377

Monochromacy



Original Color
13AB19



Achromatopsia
6D6D6D



Achromatomaly
4C844E

CSS Examples

Text

The CSS property to change the color of the text to Hex 13AB19 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 #13AB19 looks like.

```
.text, #text, p{  
    color:#13AB19  
}
```

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 #13AB19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13AB19
}
```

Border

The CSS property to change the border of an element to Hex 13AB19 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
#13AB19 }
```

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

```
.border{ border-color:#13AB19 }
```

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

Here you see how a box with a 4 pixel #13AB19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13AB19; -webkit-box-shadow:4px 4px  
4px 4px #13AB19; box-shadow:4px 4px 4px  
4px #13AB19 }
```

Background

The CSS property to change the background color of an element to Hex 13AB19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13AB19 }
```

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

```
.background{ background-color:#13AB19 }
```

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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