

Converting Colors

Hex(13A905)

Have a look what the booklet for
Hex(13A905) contains.

Hex(13A905)	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(13A905)

Conversions

Conversions Part 1

Format	Color
Hex	13A905
RGB	19, 169, 5
RGB Percent	7%, 66%, 2%
CMY	0.9255, 0.3373, 0.9804
CMYK	0.89, 0.00, 0.97, 0.34
HSL	115°, 94%, 34%
HSV	115°, 97%, 66%
XYZ	14.4839, 28.5253, 4.8861
YIQ	105.4540, -36.7560, -82.8040

Conversions

Conversions Part 2

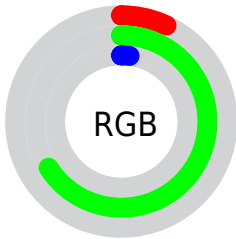
Format	Color
RYB	5, 169, 155
Decimal	1288453
CIELab	60.36, -62.07, 60.58
CIELCh	60, 86.738, 135.696
Yxy	28.5253, 0.3024, 0.5956
Android (android.graphics.Color)	4279478533 (0xFF13A905)
YUV	105.4540, -49.5238, -75.8202
Hunter-Lab	53.4091, -45.0589, 31.9622

Details

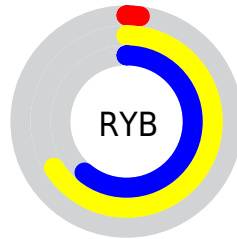
The Hex color **13A905** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9B05A9**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **63E24B**, and **007300** is the 20% darker color. If you saturate the color by 10%, you get **0EA900**, and if you desaturate by 10%, it is **22A916**.

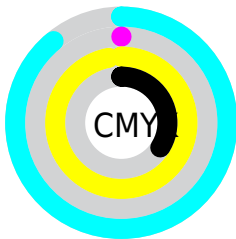
Distribution



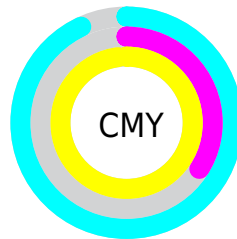
- Red (7%)
- Green (66%)
- Blue (2%)



- Red (2%)
- Yellow (66%)
- Blue (61%)



- Cyan (89%)
- Magenta (0%)
- Yellow (97%)
- Black (34%)



- Cyan (93%)
- Magenta (34%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13A905 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 13A905 by changing the saturation by 10% instead.



13A905



13A905

FFFFFF



008E00



63E24B



007300



82FF67



005900



A0FF83



004000



BFFF9E



002900



DdffBB



000200



FbFFD7



000000



FFFFF5



13A905



13A905

■ 0EA900

■ 22A916

■ 32A927

■ 41A938

■ 51A949

■ 60A959

■ 70A96A

■ 7FA97B

■ 8FA98C

■ 9EA99D

Harmonies

Analogous

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



8B9A00



13A905



00B069

Triad

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



13A905



00A5FF



FF2B6D

Complementary

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



13A905



9B05A9

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.



FF35B9



13A905



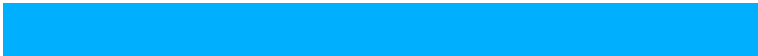
008DFF

Square

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



13A905



00B0FF



C466FE



FF5921

Rectangle

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



13A905



00B29F



C466FE



FF2486

Sweetspot

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



13A905



A1DB9C



A99905



4B6E47



EDEDED



6E6E6E

Same Dimension

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



13A905



13DB00



05A947



4C544C



0D9400



021400

Inverse Universe

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



9B05A9



C900DB



A90567



534C54



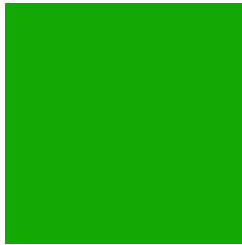
870094



130014

Previews

White Background



This preview shows how the Hex color 13A905 looks on a white background.

Color Contrast Check

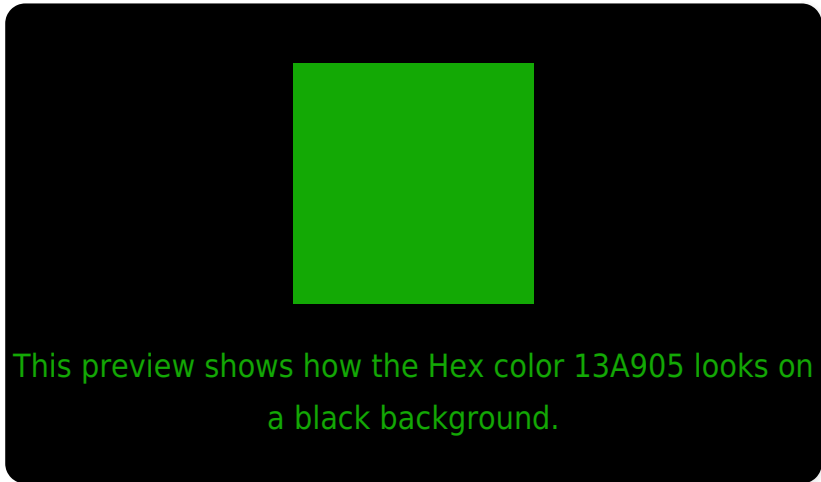
Large Text (above 18pt) WCAG AA ✓ Pass

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

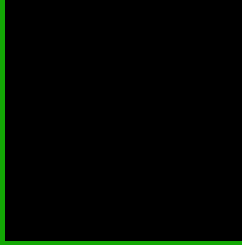
Any Text WCAG AA ✓ Pass

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 13A905 Background



This preview shows how black text looks on a background with the Hex color 13A905.



This preview shows how white text looks on a background with the Hex color 13A905.

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
13A905

Protanopia
A39100

Deuteranopia
B68925



Tritanopia
499DAA

Trichromacy



Original Color
13A905



Protanomaly
6F9A02



Deuteranomaly
7B9519



Tritanomaly
35A16E

Monochromacy



Original Color
13A905



Achromatopsia
696969



Achromatomaly
4A8045

CSS Examples

Text

The CSS property to change the color of the text to Hex 13A905 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 #13A905 looks like.

```
.text, #text, p{  
    color:#13A905  
}
```

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 #13A905 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13A905
}
```

Border

The CSS property to change the border of an element to Hex 13A905 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
#13A905 }
```

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

```
.border{ border-color:#13A905 }
```

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

Here you see how a box with a 4 pixel #13A905 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13A905; -webkit-box-shadow:4px 4px  
4px 4px #13A905; box-shadow:4px 4px 4px  
4px #13A905 }
```

Background

The CSS property to change the background color of an element to Hex 13A905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13A905 }
```

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

```
.background{ background-color:#13A905 }
```

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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