

Converting Colors

Hex(13A867)

Have a look what the booklet for
Hex(13A867) contains.

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Color

Hex(13A867)

Conversions

Conversions Part 1

Format	Color
Hex	13A867
RGB	19, 168, 103
RGB Percent	7%, 66%, 40%
CMY	0.9255, 0.3412, 0.5961
CMYK	0.89, 0.00, 0.39, 0.34
HSL	154°, 80%, 37%
HSV	154°, 89%, 66%
XYZ	16.7194, 29.1230, 17.5721
YIQ	116.0390, -67.9390, -51.8030

Conversions

Conversions Part 2

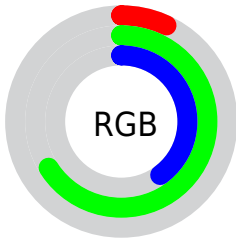
Format	Color
RYB	19, 114, 168
Decimal	1288295
CIELab	60.89, -51.27, 23.68
CIElCh	61, 56.473, 155.209
Yxy	29.1230, 0.2637, 0.4592
Android (android.graphics.Color)	4279478375 (0xFF13A867)
YUV	116.0390, -6.4282, -85.1032
Hunter-Lab	53.9657, -39.1381, 18.4703

Details

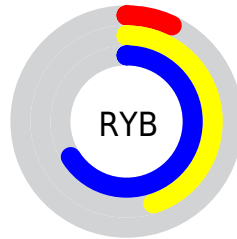
The Hex color **13A867** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A81354**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **60E09B**, and **007237** is the 20% darker color. If you saturate the color by 10%, you get **02A860**, and if you desaturate by 10%, it is **24A86E**.

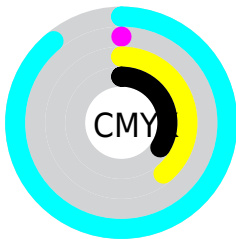
Distribution



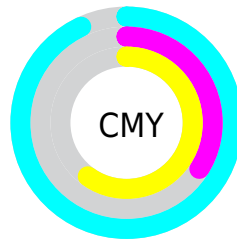
- Red (7%)
- Green (66%)
- Blue (40%)



- Red (7%)
- Yellow (45%)
- Blue (66%)



- Cyan (89%)
- Magenta (0%)
- Yellow (39%)
- Black (34%)



- Cyan (93%)
- Magenta (34%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13A867 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 13A867 by changing the saturation by 10% instead.



13A867



13A867

FFFFFF



008D4F



60E09B



007237



7EFDB6



005921



9BFFD1



00400A



B9FFEE



002A00



D7FFFF



000600



F5FFFF



000000



13A867



13A867



02A860



24A86E

■ 00A85F

■ 35A876

■ 45A87D

■ 56A884

■ 67A88C

■ 78A893

■ 89A89A

■ 99A8A2

■ AAA8A9

Harmonies

Analogous

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



71A03C



13A867



00AB9A

Triad

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



13A867



3496F6



E86E5C

Complementary

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



13A867



A81354

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.



ED648C



13A867



A082E5

Square

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



13A867



00A3ED



D66EBE



CE8136

Rectangle

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



13A867



00ABBC



D66EBE



ED696B

Sweetspot

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



13A867



A0DBC1



56A813



4B6E5E



EDEDED



6E6E6E

Same Dimension

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



13A867



00DB7C



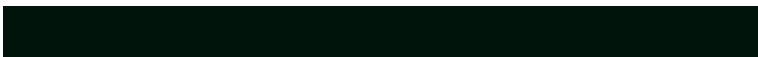
13A1A8



4C5450



009453



00140C

Inverse Universe

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



A81354



DB0060



A81A13



544C4F



940041



140009

Previews

White Background



This preview shows how the Hex color 13A867 looks on a white background.

Color Contrast Check

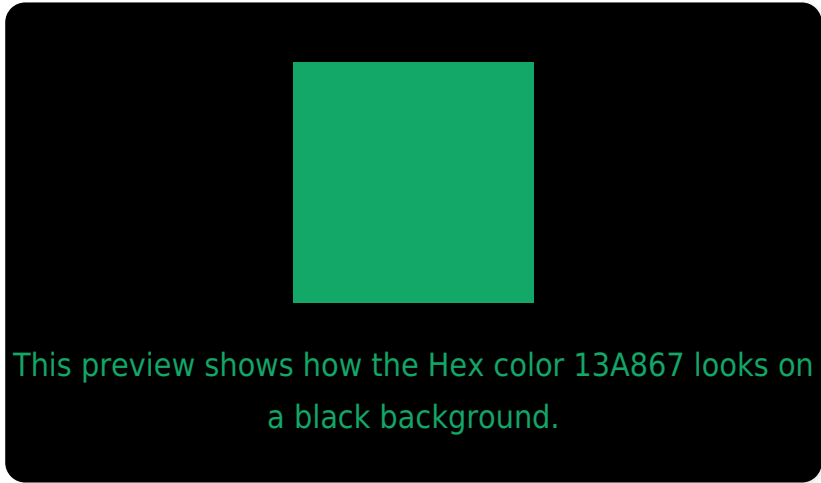
Large Text (above 18pt) WCAG AA ✓ Pass

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 13A867 Background



This preview shows how black text looks on a background with the Hex color 13A867.



This preview shows how white text looks on a background with the Hex color 13A867.

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](#).

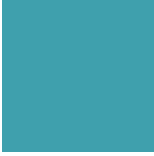
Dichromacy



Original Color
13A867

Protanopia
9F925E

Deuteranopia
AC8C6E



Tritanopia
3FA0AD

Trichromacy



Original Color
13A867



Protanomaly
6C9A61



Deuteranomaly
74966B



Tritanomaly
2FA394

Monochromacy



Original Color
13A867



Achromatopsia
747474



Achromatomaly
51876F

CSS Examples

Text

The CSS property to change the color of the text to Hex 13A867 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 #13A867 looks like.

```
.text, #text, p{  
    color:#13A867  
}
```

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 #13A867 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13A867
}
```

Border

The CSS property to change the border of an element to Hex 13A867 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
#13A867 }
```

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

```
.border{ border-color:#13A867 }
```

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

Here you see how a box with a 4 pixel #13A867 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13A867; -webkit-box-shadow:4px 4px  
4px 4px #13A867; box-shadow:4px 4px 4px  
4px #13A867 }
```

Background

The CSS property to change the background color of an element to Hex 13A867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13A867 }
```

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

```
.background{ background-color:#13A867 }
```

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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