

Converting Colors

Hex(13B846)

Have a look what the booklet for
Hex(13B846) contains.

Hex(13B846)	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(13B846)

Conversions

Conversions Part 1

Format	Color
Hex	13B846
RGB	19, 184, 70
RGB Percent	7%, 72%, 27%
CMY	0.9255, 0.2784, 0.7255
CMYK	0.90, 0.00, 0.62, 0.28
HSL	139°, 81%, 40%
HSV	139°, 90%, 72%
XYZ	18.5145, 34.8616, 11.5475
YIQ	121.6690, -61.7460, -70.4340

Conversions

Conversions Part 2

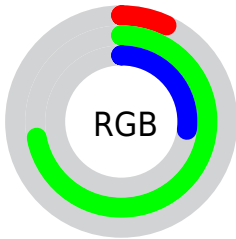
Format	Color
RYB	19, 145, 184
Decimal	1292358
CIELab	65.64, -62.06, 46.09
CIELCh	66, 77.302, 143.398
Yxy	34.8616, 0.2852, 0.5370
Android (android.graphics.Color)	4279482438 (0xFF13B846)
YUV	121.6690, -25.4728, -90.0407
Hunter-Lab	59.0437, -47.3537, 29.7349

Details

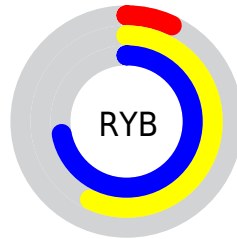
The Hex color **13B846** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B81385**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **65F17A**, and **00810E** is the 20% darker color. If you saturate the color by 10%, you get **01B839**, and if you desaturate by 10%, it is **25B853**.

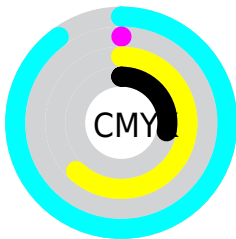
Distribution



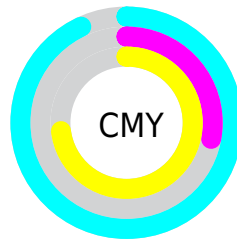
- Red (7%)
- Green (72%)
- Blue (27%)



- Red (7%)
- Yellow (57%)
- Blue (72%)



- Cyan (90%)
- Magenta (0%)
- Yellow (62%)
- Black (28%)



- Cyan (93%)
- Magenta (28%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13B846 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 13B846 by changing the saturation by 10% instead.

 13B846

 13B846

FFFFFF

 009C2C

 65F17A

 00810E

 84FF95

 006700

 A3FFB1

 004D00

 C1FFCD

 003600

 DFFFE9

 001C00

FEFFFF

 000000

 13B846

 13B846

 01B839

 25B853

■ 00B839

■ 38B85F

■ 4AB86C

■ 5DB879

■ 6FB886

■ 81B892

■ 94B89F

■ A6B8AC

■ B9B8B8

Harmonies

Analogous

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



8BAC00



13B846



00BE8D

Triad

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



13B846



00ACFF



FF5B6D

Complementary

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



13B846



B81385

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.



FF56B2



13B846



7C94FF

Square

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



13B846



00BAFF



E372F3



FD792D

Rectangle

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



13B846



00BFBE



E372F3



FF5583

Sweetspot

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



13B846



AFF0C3



87B813



51785D



F7F7F7



787878

Same Dimension

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



13B846



00F04A



13B897



535C55



009C30



001C09

Inverse Universe

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



B81385



F000A6



B81334



5C5359



9C006B



1C0013

Previews

White Background



This preview shows how the Hex color 13B846 looks on a white background.

Color Contrast Check

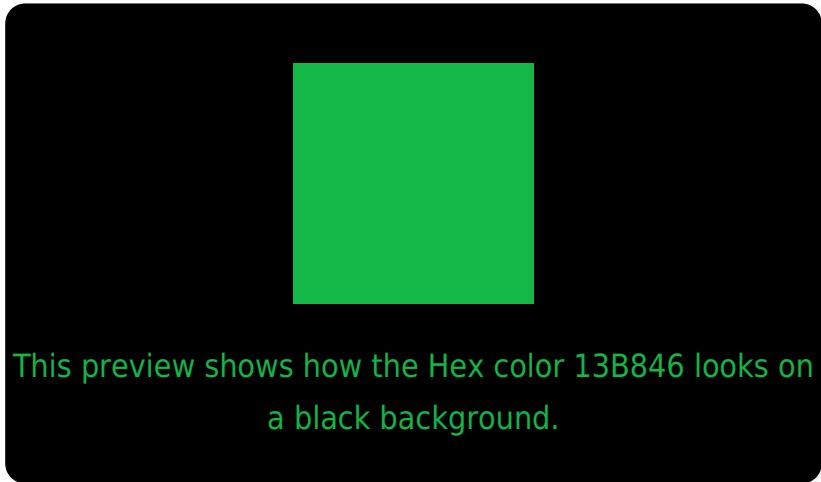
Large Text (above 18pt) WCAG AA × Fail

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 13B846 Background



This preview shows how black text looks on a background with the Hex color 13B846.

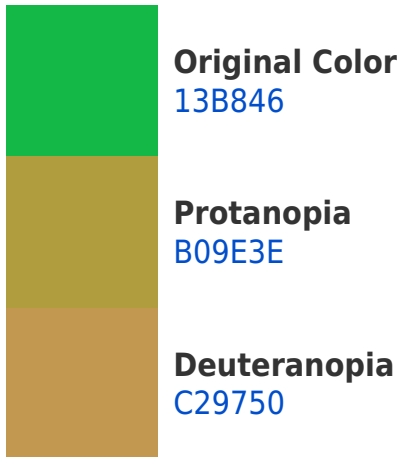


This preview shows how white text looks on a background with the Hex color 13B846.

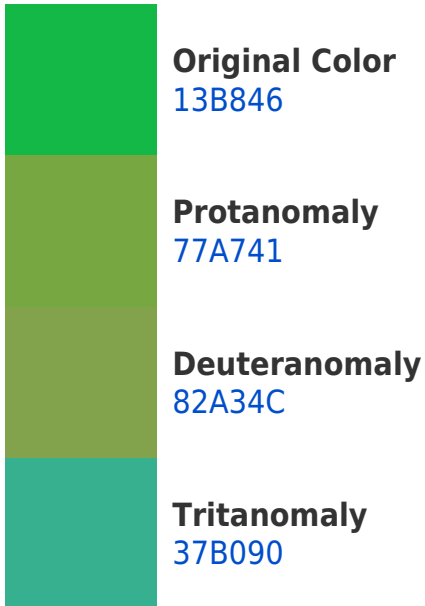
Color Blindness Simulation

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](#).

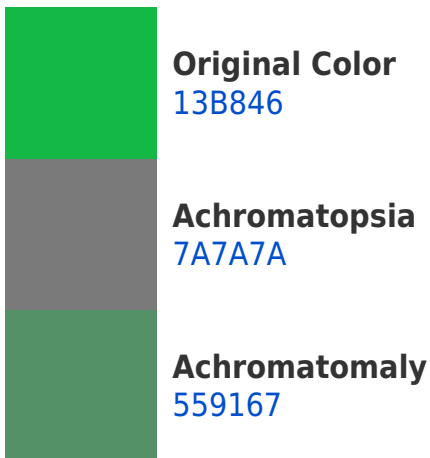
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 13B846 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 #13B846 looks like.

```
.text, #text, p{  
    color:#13B846  
}
```

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 #13B846 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13B846
}
```

Border

The CSS property to change the border of an element to Hex 13B846 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
#13B846 }
```

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

```
.border{ border-color:#13B846 }
```

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

Here you see how a box with a 4 pixel #13B846 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13B846; -webkit-box-shadow:4px 4px  
4px 4px #13B846; box-shadow:4px 4px 4px  
4px #13B846 }
```

Background

The CSS property to change the background color of an element to Hex 13B846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13B846 }
```

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

```
.background{ background-color:#13B846 }
```

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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