

Converting Colors

Hex(13B939)

Have a look what the booklet for
Hex(13B939) contains.

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Color

Hex(13B939)

Conversions

Conversions Part 1

Format	Color
Hex	13B939
RGB	19, 185, 57
RGB Percent	7%, 73%, 22%
CMY	0.9255, 0.2745, 0.7765
CMYK	0.90, 0.00, 0.69, 0.27
HSL	134°, 81%, 40%
HSV	134°, 90%, 73%
XYZ	18.3560, 35.1318, 9.6845
YIQ	120.7740, -57.8480, -75.0000

Conversions

Conversions Part 2

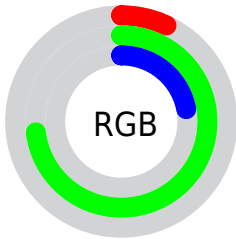
Format	Color
RYB	19, 154, 185
Decimal	1292601
CIELab	65.85, -63.79, 51.85
CIELCh	66, 82.205, 140.899
Yxy	35.1318, 0.2906, 0.5561
Android (android.graphics.Color)	4279482681 (0xFF13B939)
YUV	120.7740, -31.4406, -89.2558
Hunter-Lab	59.2721, -48.4462, 31.8030

Details

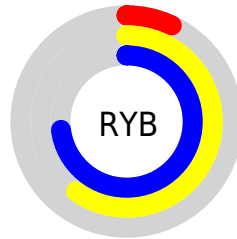
The Hex color **13B939** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **B91393**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **66F26E**, and **008200** is the 20% darker color. If you saturate the color by 10%, you get **00B92B**, and if you desaturate by 10%, it is **25B947**.

Distribution



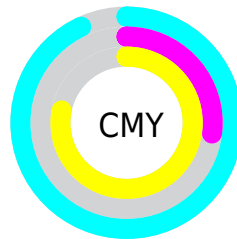
- Red (7%)
- Green (73%)
- Blue (22%)



- Red (7%)
- Yellow (60%)
- Blue (73%)



- Cyan (90%)
- Magenta (0%)
- Yellow (69%)
- Black (27%)



- Cyan (93%)
- Magenta (27%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13B939 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 13B939 by changing the saturation by 10% instead.

 13B939

 13B939

FFFFFF

 009D1C


 66F26E

 008200

 85FF89

 006800

 A4FFA5

 004E00

 C2FFC1

 003700

 E1FFDD

 001D00

 FFFFFB

 000000

 13B939

 13B939

 00B92B

 25B947

 00B92A

 38B956

 4AB964

 5DB972

 6FB980

 82B98F

 94B99D

 A7B9AB

 BAB9B9

Harmonies

Analogous

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



8FAC00



13B939



00BF86

Triad

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



13B939



00B0FF



FF5170

Complementary

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



13B939



B91393

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.



FF4FBA



13B939



6696FF

Square

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



13B939



00BDFE



E172FE



FF742A

Rectangle

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



13B939



00C1BA



E172FE



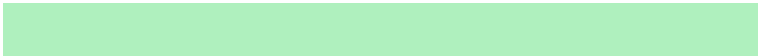
FF4B88

Sweetspot

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



13B939



AFF0BE



95B913



51785A



F7F7F7



787878

Same Dimension

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



13B939



00F037



13B98A



535C55



009C24



001C06

Inverse Universe

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



B91393



F000B9



B91342



5C535A



9C0078



1C0016

Previews

White Background



This preview shows how the Hex color 13B939 looks on a white background.

Color Contrast Check

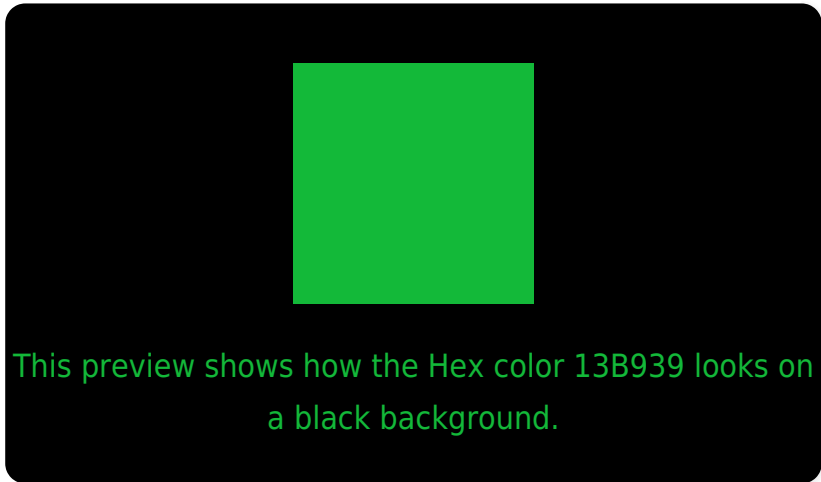
Large Text (above 18pt) WCAG AA × Fail

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 13B939 Background



This preview shows how black text looks on a background with the Hex color 13B939.

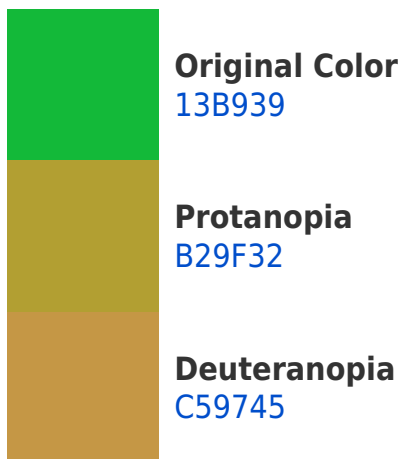


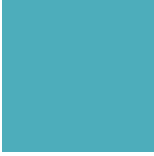
This preview shows how white text looks on a background with the Hex color 13B939.

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



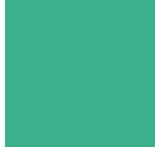
Original Color
13B939



Protanomaly
78A835



Deuteranomaly
84A341



Tritanomaly
38B18C

Monochromacy



Original Color
13B939



Achromatopsia
797979



Achromatomaly
549062

CSS Examples

Text

The CSS property to change the color of the text to Hex 13B939 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 #13B939 looks like.

```
.text, #text, p{  
    color:#13B939  
}
```

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 #13B939 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13B939
}
```

Border

The CSS property to change the border of an element to Hex 13B939 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
#13B939 }
```

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

```
.border{ border-color:#13B939 }
```

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

Here you see how a box with a 4 pixel #13B939 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13B939; -webkit-box-shadow:4px 4px  
4px 4px #13B939; box-shadow:4px 4px 4px  
4px #13B939 }
```

Background

The CSS property to change the background color of an element to Hex 13B939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13B939 }
```

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

```
.background{ background-color:#13B939 }
```

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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