

Converting Colors

Hex(13BF13)

Have a look what the booklet for
Hex(13BF13) contains.

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Color

Hex(13BF13)

Conversions

Conversions Part 1

Format	Color
Hex	13BF13
RGB	19, 191, 19
RGB Percent	7%, 75%, 7%
CMY	0.9255, 0.2510, 0.9255
CMYK	0.90, 0.00, 0.90, 0.25
HSL	120°, 82%, 41%
HSV	120°, 90%, 75%
XYZ	19.0169, 37.4471, 6.8418
YIQ	119.9640, -47.3000, -89.9560

Conversions

Conversions Part 2

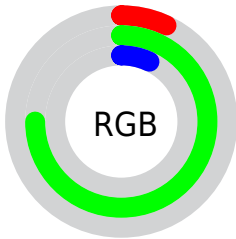
Format	Color
RYB	19, 191, 191
Decimal	1294099
CIELab	67.61, -67.95, 64.64
CIELCh	68, 93.790, 136.429
Yxy	37.4471, 0.3004, 0.5915
Android (android.graphics.Color)	4279484179 (0xFF13BF13)
YUV	119.9640, -49.7753, -88.5454
Hunter-Lab	61.1940, -51.6181, 36.2069

Details

The Hex color **13BF13** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **BF13BF**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **69F955**, and **008800** is the 20% darker color. If you saturate the color by 10%, you get **00BF00**, and if you desaturate by 10%, it is **26BF26**.

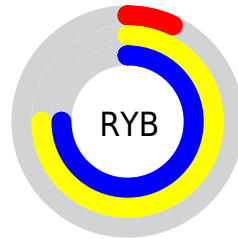
Distribution



Red (7%)

Green (75%)

Blue (7%)



Red (7%)

Yellow (75%)

Blue (75%)

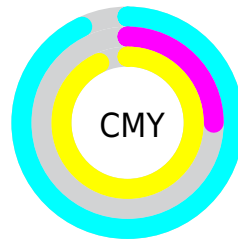


Cyan (90%)

Magenta (0%)

Yellow (90%)

Black (25%)



Cyan (93%)

Magenta (25%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13BF13 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 13BF13 by changing the saturation by 10% instead.

 13BF13

 13BF13

FFFFFF

 00A300

 69F955

 008800

 89FF71

 006D00

 A8FF8D

 005300

 C7FFA9

 003B00

 E6FFC6

 002200

 FFFFE3

 000000

 13BF13

 13BF13

 00BF00

 26BF26

 39BF39

 4CBF4C

 5FBF5F

 72BF72

 86BF86

 99BF99

 ACBFAC

 BFBFBF

Harmonies

Analogous

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



9CAF00



13BF13



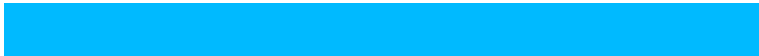
00C77A

Triad

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



13BF13



00BAFF



FF377B

Complementary

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



13BF13



BF13BF

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.



FF3FCF



13BF13



009FFF

Square

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



13BF13



00C6FF



E074FF



FF6826

Rectangle

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



13BF13



00C9B5



E074FF



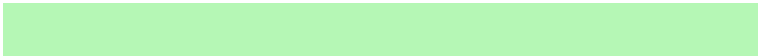
FF2F96

Sweetspot

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



13BF13



B5F7B5



BFBF13



557D55



FCFCFC



7D7D7D

Same Dimension

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



13BF13



00F700



13BF69



555E55



009E00



001F00

Inverse Universe

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



BF13BF



F700F7



BF1369



5E555E



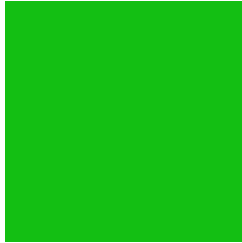
9E009E



1F001F

Previews

White Background



This preview shows how the Hex color 13BF13 looks on a white background.

Color Contrast Check

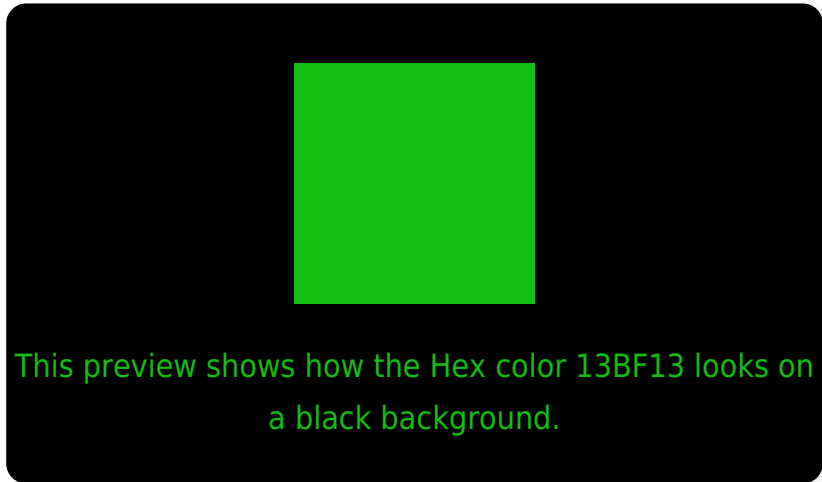
Large Text (above 18pt) WCAG AA × Fail

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 13BF13 Background



This preview shows how black text looks on a background with the Hex color 13BF13.

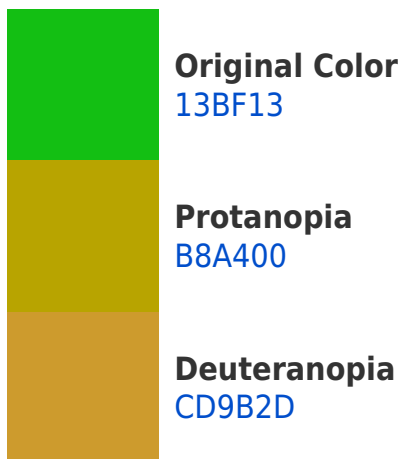


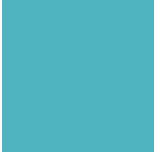
This preview shows how white text looks on a background with the Hex color 13BF13.

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](#).

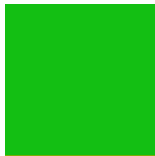
Dichromacy





Tritanopia
51B2C0

Trichromacy



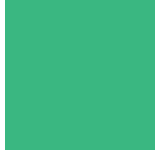
Original Color
13BF13



Protanomaly
7CAE07



Deuteranomaly
89A824



Tritanomaly
3AB781

Monochromacy



Original Color
13BF13



Achromatopsia
787878



Achromatomaly
539253

CSS Examples

Text

The CSS property to change the color of the text to Hex 13BF13 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 #13BF13 looks like.

```
.text, #text, p{  
    color:#13BF13  
}
```

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 #13BF13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13BF13
}
```

Border

The CSS property to change the border of an element to Hex 13BF13 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".

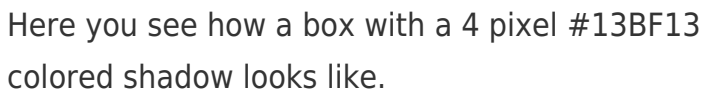
```
.border, #border, table{ border:4px solid
#13BF13 }
```

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

```
.border{ border-color:#13BF13 }
```

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

Here you see how a box with a 4 pixel #13BF13 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13BF13; -webkit-box-shadow:4px 4px  
4px 4px #13BF13; box-shadow:4px 4px 4px  
4px #13BF13 }
```

Background

The CSS property to change the background color of an element to Hex 13BF13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13BF13 }
```

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

```
.background{ background-color:#13BF13 }
```

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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