

Converting Colors

Hex(13EF59)

Have a look what the booklet for
Hex(13EF59) contains.

Hex(13EF59)	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(13EF59)

Conversions

Conversions Part 1

Format	Color
Hex	13EF59
RGB	19, 239, 89
RGB Percent	7%, 94%, 35%
CMY	0.9255, 0.0627, 0.6510
CMYK	0.92, 0.00, 0.63, 0.06
HSL	139°, 87%, 51%
HSV	139°, 92%, 94%
XYZ	32.9382, 62.5927, 19.7968
YIQ	156.1200, -82.9700, -93.2900

Conversions

Conversions Part 2

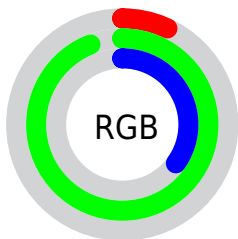
Format	Color
R_{YB}	19, 186, 239
Decimal	1306457
CIE _{Lab}	83.23, -76.50, 57.78
CIE _{LCh}	83, 95.870, 142.938
Yxy	62.5927, 0.2856, 0.5427
Android (android.graphics.Color)	4279496537 (0xFF13EF59)
YUV	156.1200, -33.0902, -120.2542
Hunter-Lab	79.1156, -64.1372, 40.5450

Details

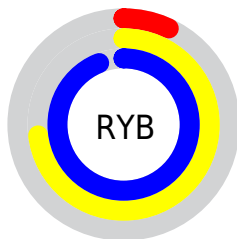
The Hex color **13EF59** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **EF13A9**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **74FF90**, and **00B51E** is the 20% darker color. If you saturate the color by 10%, you get **00EF4C**, and if you desaturate by 10%, it is **2BEF69**.

Distribution



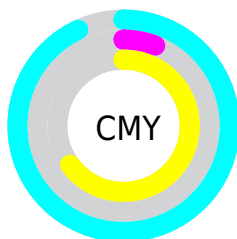
- Red (7%)
- Green (94%)
- Blue (35%)



- Red (7%)
- Yellow (73%)
- Blue (94%)



- Cyan (92%)
- Magenta (0%)
- Yellow (63%)
- Black (6%)



- Cyan (93%)
- Magenta (6%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13EF59 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 13EF59 by changing the saturation by 10% instead.

 13EF59

 13EF59

FFFFFF


 00D23D

 74FF90

 00B51E

 96FFAC

 009900

 B6FFC8

 007E00

 D6FFE5

 006300

 F6FFFF

 004900

 003000

 001300

 000000

■ 13EF59

■ 13EF59

■ 00EF4C

■ 2BEF69

■ 43EF7A

■ 5BEF8A

■ 73EF9A

■ 8AEFAA

■ A2EFBB

■ BAEFCB

■ D2EFDB

■ EAEFEC

Harmonies

Analogous

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



B5DF00



13EF59



00F7B6

Triad

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



13EF59



00E1FF



FF748F

Complementary

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



13EF59



EF13A9

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.



FF6EE9



13EF59



9CC1FF

Square

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



13EF59



00F2FF



FF94FF



FF9D3A

Rectangle

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



13EF59



00F8F5



FF94FF



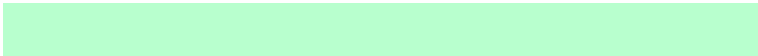
FF6CAC

Sweetspot

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



13EF59



B8FFCE



A9EF13



548062



000000



808080

Same Dimension

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



13EF59



00FF51



13EFC7



6C7870



00B83A



003812

Inverse Universe

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



EF13A9



FF00AE



EF133B



786C74



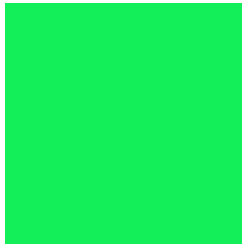
B8007D



380026

Previews

White Background



This preview shows how the Hex color 13EF59 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



This preview shows how the Hex color 13EF59 looks on a 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 13EF59 Background



This preview shows how black text looks on a background with the Hex color 13EF59.

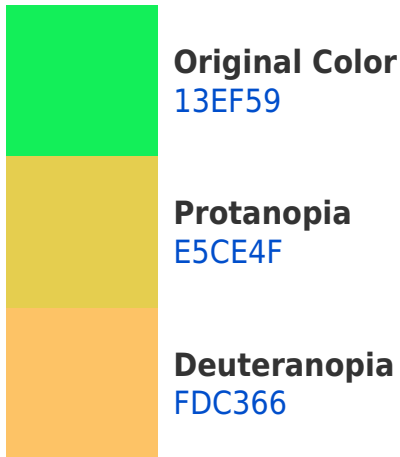


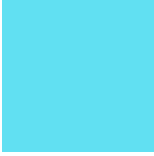
This preview shows how white text looks on a background with the Hex color 13EF59.

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](#).

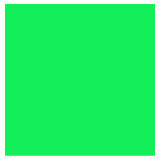
Dichromacy





Tritanopia
61E0F2

Trichromacy



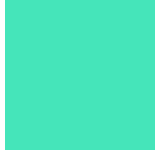
Original Color
13EF59



Protanomaly
99DA53



Deuteranomaly
A8D361



Tritanomaly
45E5BA

Monochromacy



Original Color
13EF59



Achromatopsia
9C9C9C



Achromatomaly
6ABA84

CSS Examples

Text

The CSS property to change the color of the text to Hex 13EF59 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 #13EF59 looks like.

```
.text, #text, p{  
    color:#13EF59  
}
```

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 #13EF59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13EF59
}
```

Border

The CSS property to change the border of an element to Hex 13EF59 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
#13EF59 }
```

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

```
.border{ border-color:#13EF59 }
```

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

Here you see how a box with a 4 pixel #13EF59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13EF59; -webkit-box-shadow:4px 4px  
4px 4px #13EF59; box-shadow:4px 4px 4px  
4px #13EF59 }
```

Background

The CSS property to change the background color of an element to Hex 13EF59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13EF59 }
```

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

```
.background{ background-color:#13EF59 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor