

Converting Colors

Hex(13E808)

Have a look what the booklet for
Hex(13E808) contains.

Hex(13E808)	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(13E808)

Conversions

Conversions Part 1

Format	Color
Hex	13E808
RGB	19, 232, 8
RGB Percent	7%, 91%, 3%
CMY	0.9255, 0.0902, 0.9686
CMYK	0.92, 0.00, 0.97, 0.09
HSL	117°, 93%, 47%
HSV	117°, 97%, 91%
XYZ	29.1690, 57.8692, 9.8622
YIQ	142.7770, -55.0440, -114.8200

Conversions

Conversions Part 2

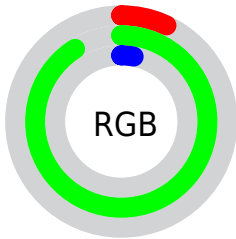
Format	Color
RYB	8, 232, 221
Decimal	1304584
CIELab	80.67, -79.40, 76.85
CIELCh	81, 110.501, 135.938
Yxy	57.8692, 0.3010, 0.5972
Android (android.graphics.Color)	4279494664 (0xFF13E808)
YUV	142.7770, -66.4451, -108.5524
Hunter-Lab	76.0718, -64.6816, 45.5637

Details

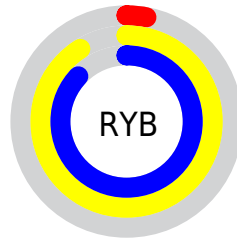
The Hex color **13E808** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **DD08E8**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **75FF59**, and **00AE00** is the 20% darker color. If you saturate the color by 10%, you get **0BE800**, and if you desaturate by 10%, it is **29E81F**.

Distribution



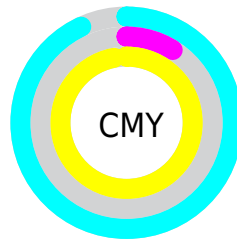
- Red (7%)
- Green (91%)
- Blue (3%)



- Red (3%)
- Yellow (91%)
- Blue (87%)



- Cyan (92%)
- Magenta (0%)
- Yellow (97%)
- Black (9%)



- Cyan (93%)
- Magenta (9%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13E808 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 13E808 by changing the saturation by 10% instead.

 13E808

 13E808


FFFFFF

 00CB00

 75FF59

 00AE00

 97FF77

 009300

 B8FF95

 007700

 D8FFB2

 005D00

 F8FFCF

 004300

 FFFFED

 002A00

 000500

 000000

 13E808

 13E808

 0BE800

 29E81F

 3FE836

 55E84E

 6BE865

 81E87C

 97E893

 ADE8AA

 C3E8C2

 DAE8D9

Harmonies

Analogous

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



BED500



13E808



00F192

Triad

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



13E808



00E3FF



FF3D96

Complementary

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



13E808



DD08E8

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.



FF49FD



13E808



00C2FF

Square

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



13E808



00F1FF



FF8DFF



FF7D2F

Rectangle

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



13E808



00F4DB



FF8DFF



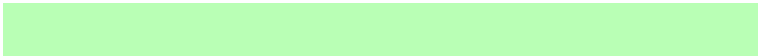
FF31B8

Sweetspot

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



13E808



B9FFB5



E8DD08



558053



000000



808080

Same Dimension

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



13E808



0DFF00



08E86D



687367



09B300



033300

Inverse Universe

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



DD08E8



F200FF



E80883



726773



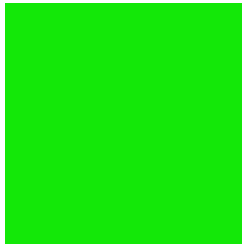
AA00B3



300033

Previews

White Background



This preview shows how the Hex color 13E808 looks on a white background.

Color Contrast Check

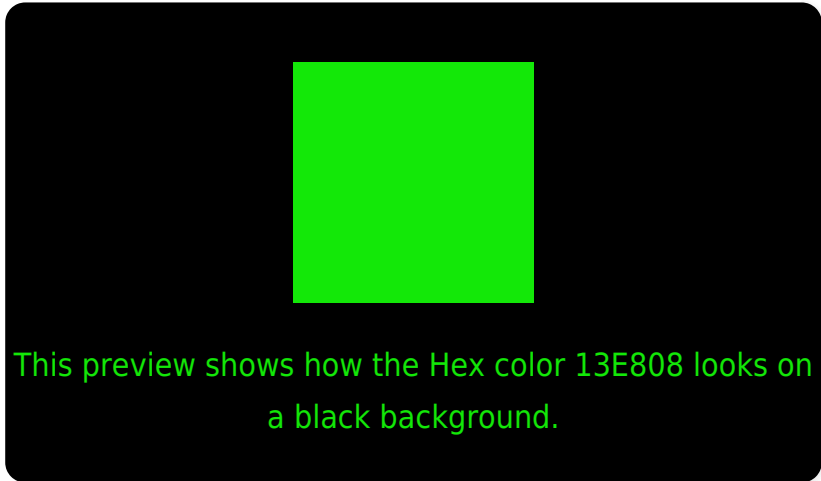
Large Text (above 18pt) WCAG AA × Fail

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 13E808 Background



This preview shows how black text looks on a background with the Hex color 13E808.

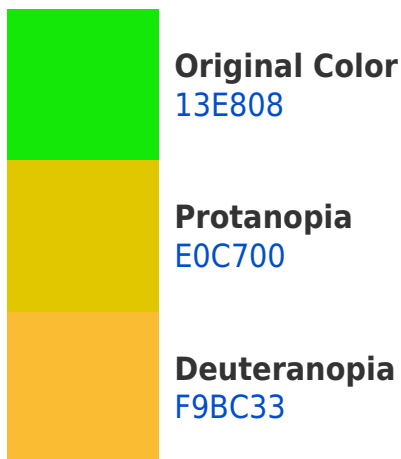


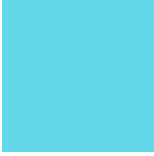
This preview shows how white text looks on a background with the Hex color 13E808.

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](#).

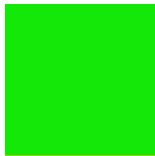
Dichromacy





Tritanopia
63D8E9

Trichromacy



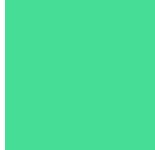
Original Color
13E808



Protanomaly
95D303



Deuteranomaly
A5CC23



Tritanomaly
46DE97

Monochromacy



Original Color
13E808



Achromatopsia
8F8F8F



Achromatomaly
62AF5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 13E808 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 #13E808 looks like.

```
.text, #text, p{  
    color:#13E808  
}
```

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 #13E808 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13E808
}
```

Border

The CSS property to change the border of an element to Hex 13E808 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
#13E808 }
```

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

```
.border{ border-color:#13E808 }
```

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

Here you see how a box with a 4 pixel #13E808 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13E808; -webkit-box-shadow:4px 4px  
4px 4px #13E808; box-shadow:4px 4px 4px  
4px #13E808 }
```

Background

The CSS property to change the background color of an element to Hex 13E808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13E808 }
```

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

```
.background{ background-color:#13E808 }
```

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