

Converting Colors

Hex(13CA34)

Have a look what the booklet for
Hex(13CA34) contains.

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Color

Hex(13CA34)

Conversions

Conversions Part 1

Format	Color
Hex	13CA34
RGB	19, 202, 52
RGB Percent	7%, 79%, 20%
CMY	0.9255, 0.2078, 0.7961
CMYK	0.91, 0.00, 0.74, 0.21
HSL	131°, 83%, 43%
HSV	131°, 91%, 79%
XYZ	22.0089, 42.6274, 10.3167
YIQ	130.1830, -60.9180, -85.4460

Conversions

Conversions Part 2

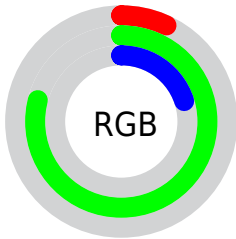
Format	Color
RYB	19, 174, 202
Decimal	1296948
CIELab	71.30, -69.26, 59.34
CIELCh	71, 91.207, 139.411
Yxy	42.6274, 0.2936, 0.5687
Android (android.graphics.Color)	4279487028 (0xFF13CA34)
YUV	130.1830, -38.5442, -97.5075
Hunter-Lab	65.2897, -54.0853, 36.3341

Details

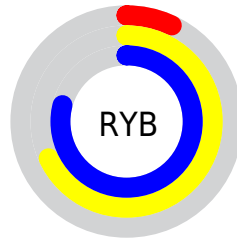
The Hex color **13CA34** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **CA13A9**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **6BFF6C**, and **009200** is the 20% darker color. If you saturate the color by 10%, you get **00CA24**, and if you desaturate by 10%, it is **27CA45**.

Distribution



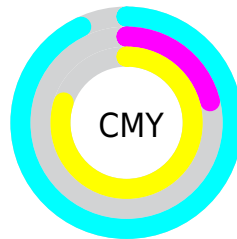
- Red (7%)
- Green (79%)
- Blue (20%)



- Red (7%)
- Yellow (68%)
- Blue (79%)



- Cyan (91%)
- Magenta (0%)
- Yellow (74%)
- Black (21%)



- Cyan (93%)
- Magenta (21%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13CA34 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 13CA34 by changing the saturation by 10% instead.

 13CA34

 13CA34

FFFFFF

 00AE11

 6BFF6C

 009200

 8BFF87

 007700

 ABFFA3

 005D00

 CAFFC0

 004400

 E9FFDD

 002B00

 FFFFFA

 000900

 000000

 13CA34

 13CA34

 00CA24

 27CA45

 3BCA55

 50CA66

 64CA76

 78CA87

 8CCA97

 A0CAA8

 B5CAB8

 C9CAC9

Harmonies

Analogous

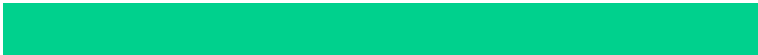
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9FBB00



13CA34



00D18D

Triad

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



13CA34



00C1FF



FF517D

Complementary

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



13CA34



CA13A9

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.



FF50D0



13CA34



5AA6FF

Square

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



13CA34



00CFFF



F37CFF



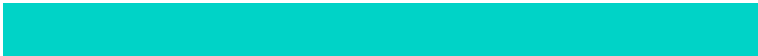
FF7A2C

Rectangle

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



13CA34



00D3C7



F37CFF



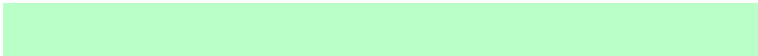
FF4998

Sweetspot

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



13CA34



BAFFC7



ABCA13



57805E



000000



808080

Same Dimension

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



13CA34



00FF2E



13CA8D



5C665E



00A61E



002607

Inverse Universe

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



CA13A9



FF00D1



CA1350



665C64



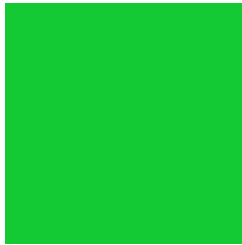
A60088



26001F

Previews

White Background



This preview shows how the Hex color 13CA34 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 13CA34 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 13CA34 Background



This preview shows how black text looks on a background with the Hex color 13CA34.

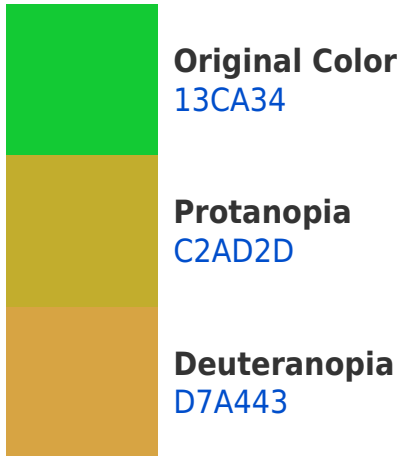


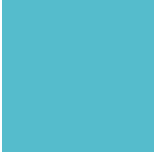
This preview shows how white text looks on a background with the Hex color 13CA34.

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
13CA34



Protanomaly
82B830



Deuteranomaly
90B23E



Tritanomaly
3DC195

Monochromacy



Original Color
13CA34



Achromatopsia
828282



Achromatomaly
5A9C66

CSS Examples

Text

The CSS property to change the color of the text to Hex 13CA34 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 #13CA34 looks like.

```
.text, #text, p{  
    color:#13CA34  
}
```

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 #13CA34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13CA34
}
```

Border

The CSS property to change the border of an element to Hex 13CA34 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
#13CA34 }
```

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

```
.border{ border-color:#13CA34 }
```

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

Here you see how a box with a 4 pixel #13CA34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13CA34; -webkit-box-shadow:4px 4px  
4px 4px #13CA34; box-shadow:4px 4px 4px  
4px #13CA34 }
```

Background

The CSS property to change the background color of an element to Hex 13CA34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13CA34 }
```

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

```
.background{ background-color:#13CA34 }
```

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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